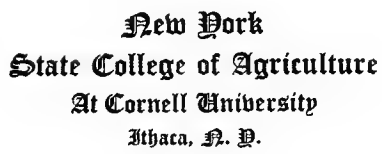
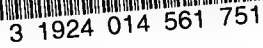


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[Agriculture scheme for decimal classifi



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EDITOR'S NOTE ON

AGRICULTURE SCHEME FOR DECIMAL CLASSIFICATION

In developing 630, Agriculture, 2 important schemes, both based on the *Decimal classification*, claimed careful consideration: that of Nebraska university (1899) by J I Wyer, and that of the *Classification décimale* (1904) by the Institut International de Bibliographie of Brussels (see D C Introduction p. 41-42). Presumption was in favor of the Nebraska scheme, because of its already large American use.

The object of the Nebraska scheme was strictly practical; i. e. to provide short numbers for all important agricultural topics. This naturally resulted in using the short numbers first and accorded with the D C principle not to let a theoretic refinement stand in the way of a greater practical good. But the rapid introduction in agriculture of new products and methods proves the practical need of a scheme so built that it may expand logically wherever pressure is felt, or with successiv accretions it must degenerate into a mere mob of topics. The expediency principle of the Nebraska scheme has resulted in limitations that baffle efforts to fit into it satisfactorily the multifarious products and topics that have come into prominence since it was made. Besides this difficulty, the Nebraska scheme changes the establisht meaning of a few D C numbers with many consequent disadvantages and apparently without a compensating gain.

The French scheme swings as far to the other extreme, and for the sake of adhering to numeric logic bिल्ds needlessly long numbers for subjects on which there is much material. As it has already been applied to much material and has been adopted by the Agricultural institute of Rome, Italy, its authors begd that we should not reject it except for most conclusiv reasons. It has therefore had most conscientious consideration.

The classification herewith submitted aims to incorporate all the new topics of these 2 schemes, with many from other sources, so distributed as to allow later insertions in their proper relation to existing heads while avoiding the long numbers resulting from too close adherence to theory. Numbers are provided for many minor topics met in researches for this expansion, even tho there is as yet little material on them, while there are conspicuous gaps where no classification satisfactory enuf to submit has yet been evolv'd; notably 634.9 Forestry.

The fullest and frankest criticism is urged in the hope of eliminating as many faults and making as many improvements as possible before publication in the 10th edition of the D C, which must be printed this fall because of exhaustion of the 9th.

Lake Placid Club, Essex co. N Y
27 Sep. 1918

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Z 696
D 51

2000

SECOND SUMMARY

DIVISIONS

000	General works	500	Natural science
010	Bibliografy	510	Mathematics
020	Library economy	520	Astronomy
030	General cyclopedias	530	Physics
040	General collections	540	Chemistry
050	General periodicals	550	Geology
060	General societies Museums	560	Paleontology
070	Journalism Newspapers	570	Biology
080	Special libraries Polygrafy	580	Botany
090	Book rarities	590	Zoology
100	Philosofy	600	Useful arts
110	Metaphysics	610	Medicin
120	Special metaphysical topics	620	Engineering
130	Mind and body	630	Agriculture
140	Philosofic systems	640	Domestic economy
150	Mental faculties Psychology	650	Communication Commerce
160	Logic Dialectics	660	Chemic technology
170	Ethics	670	Manufactures
180	Ancient filosofers	680	Mechanic trades
190	Modern filosofers	690	Bilding
200	Religion	700	Fine arts
210	Natural theology	710	Landscape gardening
220	Bible	720	Architecture
230	Doctrinal Dogmatics Theology	730	Sculpture
240	Devotional Practical	740	Drawing Decoration Design
250	Homiletic Pastoral Parochial	750	Painting
260	Church Institutions Work	760	Engraving
270	Religious history	770	Photografy
280	Christian churches and sects	780	Music
290	Ethnic Nonchristian	790	Amusements
300	Sociology	800	Literature
310	Statistics	810	American
320	Political science	820	English
330	Political economy	830	German
340	Law	840	French
350	Administration	850	Italian
360	Associations and institutions	860	Spanish
370	Education	870	Latin
380	Commerce Communication	880	Greek
390	Customs Costumes Folklore	890	Minor languages
400	Philology	900	History
410	Comparativ	910	Geografy and travels
420	English	920	Biografy
430	German	930	Ancient history
440	French	940	Europe
450	Italian	950	Asia
460	Spanish	960	Africa
470	Latin	970	North America
480	Greek	980	South America
490	Minor languages	990	Oceanica and polar regions

Modern

630 Agriculture

SUMMARY

- 631 Farmstead Soil
- 632 Hindrances
- 633 Field crops
- 634 Fruits Vineyards Forestry
- 635 Garden crops
- 636 Domestic animals
- 637 Dairy and dairy products
- 638 Bees, silkworms, etc.
- 639 Hunting, trapping, fish culture
- .1 Rural life
- .2 Compends
- .23 Agricultural physics
- .24 " chemistry
- .28 " botany
- .29 " zoology
- Only for general treatises. Those relating to a special subject are classed with the subject: e. g. chemistry of milk 637.127
- .3 Dictionaries, cyclopedias
- .4 Essays
- .5 Periodicals
- .6 Societies
- .7 Study and teaching
- What subtopics besides schools and experiment stations need numbers?
- .8
- .9 History, divided like 930-999

631 The farm, farmstead Soil

SUMMARY

- 631.1 Farm economics
- .2 " buildings
- .3 " machinery and tools
- .4 Land, soil, soil chemistry
- .5 Tillage and farm operations
- .6 Drainage and reclamation
- .7 Irrigation and conservation of moisture
- .8 Fertilizers
- .9 Climate, roads, etc.
- .09 Geographic distribution of cultivation
- .091 Zones and physical regions
- 1 Arctic regions
- 2 Temperate zone
- 3 Tropics
- 4 Mountains

631.1 Farm economics

Farm and estate management

.11 Selecting and acquiring a farm

Land settlement guides

Location: nearness to market; means of communication, by water, by land
(railways, highways), climate and rainfall**.112 Purchase**

Cost, valuation, taxes

.113 Rent**.114 Share systems (Métayage)**

See also 631.1153

.115 Systems of working a farm**1 Owner his own farmer****2 By a manager****3 Share system**

See also 631.114

631.1153 from owner's point of view

631.114 " worker's " " "

4 Renting

631.1154 from owner's point of view

631.113 " renter's " " "

.12 Laying out farm

Locating buildings, fields, farmsteads, roads and lanes

.13**.14 Object, kind of farm****.141 Crop farming****.142 Vegetable farming****.143 Fruit " "****.144 Woodlands**

See 634.9 Forestry

.145 Stock farming

See 636 Domestic animals; 637.113 Dairy farms

.146 Fish culture in ponds

See 639 Hunting, trapping, fishing

.16 Finances and accounts Bookkeeping records**.17 Expenses****.171 Buying supplies Purchases****.173 Wages****.175 Insurance: buildings, stock, crop**

See also Insurance business 368.5

.177 Packing, shipment

For methods see 631.564

.18 Returns Selling products

Marketing

631.2 Farm bildings

For architecture, see 728.67 Farm houses

728.9 Outbildings

- .21 Houses Dwellings
- .22 Barns Poultry houses Stables
- .23 Granaries Silos
- .24 Carriage houses
- .25 Machine sheds
- .26 Other bildings
- .27 Fences, walls, hedges
- .28 Roads, bridges, etc.
- .3 Farm machinery Tools, appliances, etc.
- .31 Clearing and soil working: general tools
- .311 Digging tools, machines, etc.
 - 1 Spade: turf, ditching, post, polisht-drain, longhanded garden spades
Shovel: prongd shovel
For steam shovel see 621.865
Spud
 - 2 Small tools
Trowel, for mason's trowel see 693. Dibble, dibber or dibbler. See also seeders
 - 3 Posthole digger
Posthole auger or borer. Spudding bit
 - 4 Forks; for digging, etc. Dung-fork
For hay forks, pitchforks, see 631.3535
 - 5 Digging machines
Spaders, rotary spaders, horse shovel, road scraper(?)
 - 6 Crow or crowbar
Pick. See also mining picks 622.
Pickax, mattock, grubbing hoe, grubbing ax
 - 7 Stump-extractor or puller Stone gatherer Bush sithes
- .312 Plows
 - 1 Common plow; walking plow; hand plow
 - 2 Riding plow; sulky plow
Double plow, double-furrow plow, 2-furrow plow
 - Balanced plow Gang plow, multiple-furrow plow
 - 3 Power plow
Steam plow, traction engin, stationary engin; oil or gas engin; electric plow
 - 4 Reversible plow, turning moldboard plow
Sidehil or hilside plow, turn-wrest plow, one-way plow, drill plow, also sometimes called double plow and swing plow
 - 5 Breaking plow
Paring plow, sod plow, prairie plow, skim plow
 - 6 Pulverizing plow, stubble plow, digging plow
Subsoil plow, mole plow
 - Double mold-board plow, doublebreasted plow
Middle "buster " or burster, middle breaker
 - 7 Other special plows
Vineyard plow (cultivator?) Stump jumper, or stumpjump plow
Seeding plow Skim colter plow
Scooter (cultivator?) Bull-tung and calf-tung plow
 - 8 Disk plow

631.313

Harrows

- 1 Smoothing harrows**
Bush harrows; plank-scraper; fixt and adjustable tooth, frame harrow
- 2 Chain harrow**
- 3 Spring-tooth harrow**
- 4 Curvd knife-tooth harrow, pulverizer**
- 5 Revolving harrow**
- 6 Disk harrow: full disk, cutaway**
- 7 Spading harrow, scuffle harrow**
- 8 Special uses**
Orchard disk harrow

.314

Rollers, etc.

- 1 Rollers**
Wood, stone, metal
Hand, horse, riding, power
- 2 Disk rollers**
- 3 Clod crushers, clod breaker**
- 4 Subsurface packer**
- 6 Planker, plank drag**

.315

Hand gardening tools

- 1 Hoe**
Draw, field, hayonet, garden
- 2 Thrust, Dutch, push, scuffle, D hoe**
- 3 Scarifier or scraper**
- 4 Weeder**
Hand weeder, finger weeder, weed-hoe, weeding forceps, weeding fork(?),
weeding iron, weeding pincers, weeding tongs
- 5 Weed cutters**
Weed hook, weeding chisel, weeding shears
- 6 Garden rakes: wood, iron**

.316

Cultivators, machine tools(?)

- 1 Wheel hoe, hand cultivator**
- 2 Horse cultivators**
Walking cultivators, horse hoe, shovel plow
Scarifier, scooter, scuffler, hasp, sweep, grubber
- 3 Riding or sulky cultivators**
Balance frame
- 4 Surface or gopher cultivator**
Heel scrape, scrape
- 5 Disk cultivator**
- 6 Stalk cutter**

.33

Seeding and sowing machinery

.331

Seed sowers, seeding machines

- 1 Broadcast sowers, seeders**
Hand machines
- 2 Walking**
- 3 Riding**
- 4 Land and row markers**
- 5 Furrow sowers Drills**
- 6 Walking**
- 7 Riding**
- 8 Special sowers**

- 631.332 Planters
 - 1 Hand, foot
 - 2 Walking
 - 3 Riding
 - 4 Check rowers
 - 8 Special planters
- .333 Fertilizer distributors
 - 1 Hand machines
 - 2 Walking
 - 3 Riding
 - 4 Liquid fertilizer
 - 5 Pulverized "
 - 6 Farmyard manure, manure spreaders
- .334 Mixt spreaders
 - Both fertilizer and seed
- .335 Propagation apparatus
 - Cutting benches, layering pots, etc.
- .336 Transplanters
 - 1 Ballers
 - 6 Tree conveyers
- .34 Equipment for care of plants, trees, etc.
- .341 Grafting, etc. implements and material
 - Budding knife, grafting knife, grafting wax
- .342 Pruning
 - 1 Shears or pruner Hedge trimmer
 - 2 Knife or hook
 - 3 Chisel
 - 4 Bill hook
 - 5 Ax or hatchet
 - 6 Saw
 - 7 Scraper
- .344 Protection and shelter
 - See also 632.1 and 632.9
 - 1 Bell glasses
 - 2 Cold frames
 - 3 Hot-beds
 - 4 Greenhouses
 - 5 Forcing houses
- .345 Supports
 - 1 Vertical cords and wires
 - 2 Poles, stakes, stays, props
 - 3 Trellises, espaliers
 - Horizontal wires or cords
 - 4 Fruit walls
- .346 Receptacles: pots, boxes, etc.

- 631.35 Harvesting
 - .351 Hand tools, primitiv tools
 - 1 Sickle, reaping hook, gras knife, gras hook
 - 2 Sithe
 - 3 Cradle, cradle sithe
 - .352 Mowers
 - 7 Lawn mowers
 - .353 Other haying implements
 - 1 Hay spreaders, tedders
 - 2 Hay rakes, gatherers, binders, windrowers
 - 3 Hay loaders
 - 4 Hay stackers
 - 5 Hay forks and carriers
 - .354 Reapers
 - 1 Self binders
 - 2 Harvester Combined harvester and thresher
 - 3 Headers Clover headers
 - .355 Corn harvesters
 - 1 Corn shockers
 - 2 Stubble cutters
 - 3 Corn pickers
 - 4 Strippers
 - 5 Toppers
 - .358 Special crops
 - 1 Fruits, nuts
 - 3 Legumes, peas, beans, etc.
 - 4 Root crops, etc.
 - 5 Fiber crops: cotton, flax, hemp
 - 6 Sugar cane
 - 7 Other crops
 - 8 Tree products
 - Maple (sap), pine (turpentine), gums, resins, gutta percha, etc.
 - .36 Machinery, tools, etc. used in preparing for storage or transport
 - Is there not some comprehensiv term for this hed?
 - .361 Threshers, etc.
 - 1 Primitiv tools
 - Flails, drags, wain
 - 2 Mechanical threshers
 - 3 Huskers
 - 4 Shellers
 - .362 Cleaning
 - 1 Primitiv tools
 - Shovel, siv, fan
 - 2 Winnowers, fanning machines
 - 3 Sorters, sifters
 - 6 Washers for roots and tubers
 - .363 Silo machinery
 - Ensilage cutters

- 631.364 Packing for transportation or storage
 - 1 Bundlers
 - 2 Balers Baling presses
 - 3 Bunchers
 - 4 Packers: baskets, boxes
 - See 631.3721
- .37 Transportation, power and power transmission appliances
 - .371 Motiv power
 - 1 Human power
 - 2 Animal power
 - 3 Water power
 - 4 Windmills
 - 5 Steam engines
 - 6 Gas engines, oil and alcohol
 - 7 Electricity
 - .372 Transportation appliances
 - 1 By carrying
 - Baskets, boxes, bags, etc. handbarrows
 - 2 On animals backs: packs, saddlebags, etc.
 - 3 Drags Sleds Stoneboats
 - 4 Hand-carts, wheelbarrows
 - 5 Wagons Chute wagons Drays
 - Dumping wagons, hayracks, lumber wagons, trucks
 - 6 Motor trucks
 - .373 Harness
 - .38 Implements for care of farm animals
 - .4 Land, soil
 - .41 Soil chemistry
 - Chemic properties and constitution of soil
 - .411 Composition according to geologic origin
 - .416 Inorganic chemistry
 - .417 Organic chemistry
 - .42 Analysis and experiments
 - Methods of investigation: chemic, mechanical
 - .43 Soil physics
 - .431 Specific weight (gravity) of soil
 - .432 Humidity
 - Water Ground water
 - Soil moisture: hygroscopic, capillary
 - Permeability Absorption
 - .433 Atmosphere: air, gases
 - .436 Temperature
 - Warmth of soils
 - .44 Soil classification Adaptability
 - Alkali lands; soils for special crops, tobacco, etc.
 - .45 Soil fertility: maintenance, exhaustion
 - See also 631.8 Fertilizers
 - .46 Soil bacteriology: microbes, ferments, sterilization
 - .47 Soil surveys
 - .49 History

- 631.5 Tillage and farm operations**
 - .51 Soil preparation and working
 - .511 Spading, digging, forking
 - .512 Plowing, subsoiling
 - .513 Harrowing
 - .514 Rolling, planking
 - .515 Hoeing, raking, weeding
 - .516 Cultivating
 - .52 Selection, breeding, etc.
 - .521 Selection
 - 1 Seed selection
 - 2 " catalogs
 - 3 Plant selection
 - 4 Nursery catalogs
 - .522 Plant breeding
 - .523 Hybrids Crossing Creation of new varieties
 - .524 Introduction of new kinds
 - .525 Acclimatization
 - .53 Methods of plant multiplication
 - .531 Seedage Seeds
 - 1 Sowing broadcast
 - 2 Drilling, in rows
 - 3 Planting in hills or separate seeds
 - 7 Spores
 - .532 Separation of growing plant
 - 1 Young bulbs, offsets
Bulbels, bulbules or bulblet; separation of small from parent bulb
 - 2 Tubers
Cutting into "sets" each with an eye
 - 3 Division or partition of tufted growing plants
 - .533 Detaching of separate plants
 - 1 Suckers, root suckers, stem suckers
 - 2 Runners, stolons
 - 3 Proliferous buds
 - .534 Layering
 - 1 Ordinary; each shoot makes one new plant
 - 2 Multiple, serpentine, or trench
 - 3 Mound or stool layering
See also 631.5323
 - 4 Circumposition, potted, aerial, air or Chinese layering
 - 6 Layering trees and shrubs
 - 7 " vines
 - .535 Cuttings
 - 1 Choice of cutting
 - 2 Preparation for planting
 - 3 Planting
 - 4 Branch or stem cuttings
 - 5 Short cuttings: cuttings of single eye or bud
 - 6 Root cuttings
 - 7 Leaf and bulb scale cuttings

631.536 **Transplanting**
For grafting and budding see 631.54

.54 **Caring for plants**
For protection against injuries, see 632

.54¹ **Grafting**
For bridge grafting see ; sometimes called bark
grafting

1 **Selection of stock and scion, affinity**

2 **Suitable age and season**

3 **Methods of grafting** Scion grafting

31 Cleft grafting

32 Splice "

33 Whip "

34 Saddle "

35 Veneer "

36 Bark "

37 Herbaceous grafting

.54¹⁴ **Grafting according to position of scion**

41 Root grafting

42 Crown "

43 Stem " (on main stem or trunk)

44 Top " (in top or branches)

5 **Bud grafting** Budding
Formerly called inoculation Flute grafting

6 **Grafting by approach, inarching**

7 **Binding and protecting grafts**

8 **Indoor grafting**

.54² **Pruning**

1 Winter pruning

11 Theories of pruning

12 Methods of pruning

13 Heading in

14 Thinning of branches

15 Scraping

17 Time to prune

2 **Summer pruning** Work on green wood

21 Pinching in

22 Nipping off buds

23 Clipping

24 Thinning fruit

3 Trimming (to secure definit shape)

.543

- 631.544 Forcing
 - 1 Bell glasses
 - 2 Cold frames
 - 3 Hotbeds
 - 4 Greenhouses
 - 5 Forcing houses
- .545 Retardation
- .546 Training
 - 1 Vertical, poles, stakes, cords
 - 3 Espalier or trellis training
 - 4 Wall training
 - 5 Arbor training
 - 6 Cordon training
- .547 Stages of plant growth
 - 1 Seedling
 - 2 Increase, growth
 - 3 Maturity
 - 4 Flowering
 - 5 Fruitage
 - 6 Ripening
- .55 Harvesting, storage, preservation

These numbers treat of the material operations of harvesting. Class anything about a definit crop under its special number; e. g. 633.11 Wheat crop. See also 631.56 for preparation of crop for market, 636.085 for preparation of food for cattle, etc. For farther preparation of agricultural products not usually done by the farmer at the present day, see the various divisions of commerce, technology and manufactures
- .552 Mowing
- .553 Hay making, stacking, etc.
- .554 Reaping
- .555 Corn harvesting
- .556 Harvesting other special crops
 - 1 Fruits, nuts, etc.
 - 3 Legumes: peas, beans, etc.
 - 4 Root crops and tubers
 - 5 Fiber crops: flax, hemp, cotton picking
 - 6 Sugar cane, etc.
 - 7 Other crops
 - 8 Tree products: saps, gums, resins, etc.

For cutting and felling trees see 634.9 Forestry
- .56 Preparation for storage and transport

See note under 631.55
- .561 Preparing grains
 - 2 Threshing, etc.
 - 3 Husking corn, etc.
 - 4 Shelling corn
- .562 Cleaning, etc.
 - 2 Winnowing
 - 3 Sorting, sifting
 - 6 Washing (roots, tubers, etc.)

- 631.563 Storing green fodder
 - Cutting, and filling silos
- .564 Packing for transportation or storage
 - 2 Baling
 - 4 Packing in baskets, boxes and barrels
- .57
- .58 Special methods
- .581 Fallowing
- .582 Crop rotation
- .583 Intensiv farming
- .584 Catch crop culture
- .585
- .586 Dry farming Deep soil culture
- .587
- .588 Application of special forces
 - 1 Electro culture
 - 2 Radio “
- .6 Reclamation Drainage
- .61 Initial operations
- .611 Prairies
- .612 Waste lands: rocks and bushes
- .613 Hillsides: terracing
- .614 Forests
- .615 Marshes Swamps
- .616 Lands under water Polders
- .617 Deserts
 - See 631.7 Irrigation
- .62 Drainage methods
 - Ditches Drains (open, covered, tile)
- .63 Drainage systems
 - Plans, layouts
- .64 Dikes and embankments
- .65 Water removal by machinery
 - Pumps, windmills, etc.
- .7 Irrigation, water supply
 - Conservation of moisture. Rainfall, streams
- .71 Source of water: wells, reservoirs
- .72 Irrigating canals
- .73 Systems of irrigation
 - Plans, etc.
- .74 Mesure and distribution of water
- .75 Cost of water(?)
- .76
- .77
- .78 Machinery
- .79 Methods of conserving moisture
 - Mulching
 - See also 631.586 Dry farming; 631.8 Fertilizers. amendment of soils

- 631.8 Fertilizers**
- .81 History, nature, uses
 - .811 Nutrition of plants; necessary principles
 - .812 Production, preparation, collection, conservation
 - .813 Composition
 - .814 Loss of fertilizing principles
 - .815 Economic value
 - .816 Use Methods of application and distribution
 - .817 Purchase Transport Cost
 - .818 Frauds Adulterations Control; legislation, inspection, analysis
 - These numbers may be used when wisht after any special fertilizer as a subdivision; e. g. 631.8525 Economic value of bone as a fertilizer
 - 631.8733 Composition of seaweed
 - .82 Mineral amendments
 - .821 Lime, gypsum, plaster
 - .822 Marl
 - .825 Sulfate of iron
 - .83 Potash fertilizers
 - .831 Wood ashes, vegetable ashes, burning turf
 - .832 Chlorids
 - .833 Sulfates
 - .84 Nitrogen fertilizers
 - .841 Ammonia
 - .842 Nitrates
 - 1 Calcium cyanid
 - .843 Animal industry residues: skin, etc.
 - See also 831.852 Bone
 - .844 Fish
 - .845 Blood
 - .846 Tankage
 - .847 Vegetable nitrogen fertilizers
 - Cotton seed meal, castor beans, pomace
 - 1 Nitrifying crops
 - 2 Soil inoculation Soil bacteriology Nitrification
 - For soil conditions see 631.46. Here class introduction of bacteria to improve the soil. The difference is the same as between 631.45 Soil fertility and 631.8 Fertilizers
 - .848 Azotin, ammonite, etc.
 - .85 Phosphoric acid
 - .851 Natural rock
 - .852 Bone
 - .853 Slags
 - .854 Guano
 - .855 Superphosphates
 - .86 Farmyard manures, etc.
 - 631.861-.865 agreeing with 636.1-.5

- 631.87 Vegetable manures
 - .871 Muck
 - .872 Leaves
 - .873 Seaweed
 - .874 Green manures
 - .875 Vegetable compost
 - .876 Residue from vegetable industries
 - .88 Fertilizer experiments
 - .9 Climate, roads, etc.

632 Hindrances: blights, pests, insects

Including those injurious to either plants or animals, but material relating to diseases of animals is better classed in 619 or 636.089 and *may* attract all matter specially relating to animals

- .1 **Elemental destruction Protection**
 - .11 Low temperature, frost, freezing
 - .111 Methods of protection
 - .112 Warnings: wether bureau, thermometers
 - .113 Covering
 - .114 Artificial clouds
 - .115 Fires
 - .116
 - .117
 - .118 Repairing damages
 - .12 Excessiv heat and drought
 - .13
 - .14 Hail
 - .15 Lightning
 - .16 Wind and rain
 - .17 Floods, inundations
 - .18 Fires: forest and prairie
 - .19 Other destructiv agents
 - Earthquakes, fumes, gas, etc.
- .2 **Galls Cecidiology**
 - No subdivision at present
- .3 **Bacteria and bacterial diseases**
 - No subdivision at present
- .4 **Fungi**
 - Divided like 589.2
- .5 **Parasitic and injurious plants**
 - .58 Weeds
 - .59 Plants injurious or poisonous to animals

- 632.6 Injurious animals**
Divided like 590, but class injurious insects in 632.7 insted of 632.657
- .7 Injurious insects**
Divided like 595.7
- .71 Thysanura, etc.**
Bristle tails or silver fish, spring tails
- .72 Orthoptera**
Grasshoppers, locusts, roaches, earwigs, leaf insects. See also 632.75 for leaf hoppers
- .73 Pseudoneuroptera**
Dragon flies, thrips
- .74 Neuroptera**
Lacewing flies, caddis flies
- .75 Rhynchota, hemiptera**
Afid, biting lice, cicads, grass flies, scale insects, chinch bug, squash bug, mealy bug, leaf hoppers. See also 632.72 for other leaf insects
- .76 Coleoptera**
Beetles, flat-hed and round-hed borers, weevils, wire worms
- .77 Diptera**
Flies, mosquitos, gnats, midges, fleas, root maggots, army worm, bessian fly
- .78 Lepidoptera**
Butterflies, moths, caterpillars
- .79 Hymenoptera**
Ants, bees, wasps; saw, gall, and ichneumon flies
- .8 Diseases**
Other than covered by .2-.7
- .9 Means of protection**
Other than covered by 632.1; e. g. netting and covers, screens, guards
- .94 Methods and apparatus**
Spraying, dusting, fumigating
- .95 Preparations and materials**
- .951 Insecticides**
- .952 Fungicides**
- .953 Antiseptics**
- .96 Natural enemies of pests**

633 Field crops; grains, grasses, fibers, etc.

SUMMARY

- .1 Cereals, grains
- .2 Grasses
- .3 Legumes
- .4 Root crops
- .5 Fiber crops
- .6 Sugar plants and starch
- .7 Alkaloidal plants
- .8 Perfumes, spices, condiments, etc.
- .9 Other plants

.1 Cereals

- .11 Wheat
- .12 Buckwheat
- .13 Oats
- .14 Ry
- .15 Corn, maiz
- .16 Barley
- .17 Millet, sorghum, etc.
 - .171 Millet
 - .172 Panic grass
 - .173 Prosos
 - .174 Sorghum
 - For sweet sorghum see 633.62
 - .175 Broom corn
 - .176 Shallu
 - .177 Kafir, milo maiz
 - White kafir, blackhul kafir, red kafir
 - .178 Durra, Jerusalem corn
 - Yellow milo, brown durra, white durra, rice corn, white Egyptian corn, Egyptian corn
- .18 Rice
- .19 Other

.2 Forage crops: grasses

Class here general treatises on forage crops. Divided according to Häckel

- .21 Blue grass *Poa*
- .22 Orchard grass *Dactylis*
- .23 Red top, bent grass *Agrestis*
- .24 Timothy *Phleum*
- .25 Cereal grasses
 - Divided like 633.1 Cereals
- .26 Other cultivated grasses
 - .261 Bermuda grass *Cynodon*
 - .262 *Bromus*
 - .263 Ry grass *Lolium*
 - .264 Fescues *Festuca*
 - .265 Oat grass *Arrhenatherum*
 - .266 *Paspalum*
 - .267 *Phalaris*
- .27

- 633.28 Other grasses
 Class here only such grasses as hav no specific number
 Divided like Hackel in 633.21-.267
- .281 *Maydeae*
Zoysicae
Tristegineae
- .282 *Andropogonae*
- .283 *Paniceae*
- .284 *Oryzeae* "
Phalarideae
- .285 *Agrostideae*
- .286 *Aveneae*
- .287 *Chlorideae*
- .288 *Festuceae*
- .289 *Hordeae*
Bambuseae
- .3 Forage crops: legumes, etc.
- .31 Alfalfa *Medicago*
 Black medic, bur clover
- .32 Clovers, berseem *Trifolium*
- .33 Cowpeas *Vigna*
- .34 Soybean *Glycine*
- .35 Vetches *Vicia*
- .36
- .361 Sainfoin *Onobrychis*
- .362 Kidney vetch *Anthyllis*
- .363 Velvet bean *Mucuna*
- .364 Japan clover *Lespedeza*
- .365 Beggar weed *Meibomia* *Desmodium*
- .366 Sweet clover *Melilotus**
- .367 Lupine *Lupinus*
- .37 Other legumes
- .371 *Sophoreae*
- .372 *Podalyrieae*
Genisteae
- .373 *Trifoliae*
- .374 *Loteae*
- .375 *Psoraleae*
Galegeae
- .376 *Hedysareae*
- .377 *Valbergieae*
- .378 *Vicieae*
- .379 *Phaseoleae*
- .38
- .39 Other forage crops

633.4 Root crops

These are practically all also classed as vegetables in 635.1 and .2 and for convenience of correspondence the same arrangement is followed here: 633.4 divided like 635.1 and 633.49 divided like 635.2

- .41 Beet *Beta vulgaris*
See also 633.63 Sugar beet
- .416 Half sugar mangel
- .417 Mangel and mangel wurzel
- .42 Turnip *Brassica rapa*
- .425 Hybrid turnip
- .426 Rutabaga *Brassica campestris*
- .43 Carrot *Daucus carota*
- .44 Parsnip *Pastinaca sativa*
- .49 Tubers and bulbs
- .491 Potato *Solanum tuberosum*
- .492 Sweet potato *Ipomoea batatas*
- .494 Jerusalem artichoke *Helianthus tuberosus*
- .5 Textil fibers, cordage, plaiting, basket, etc.**
- .51 Cotton *Gossypium*
- .52 Flax *Linum*
- .53 Hemp *Cannabis*
For other fibers known as hemp, see 633.56-.57. Brown and Indian hemp
as indefinite. For 'true Indian hemp' see 633.567
- .54 Jute *Corchorus*
- .55 Ramie, China grass *Boehmeria*
- .56 Other soft fibers
- .561 China jute *Abutilon*
- .562 Sunn hemp *Crotalaria*
Bengal, Bombay, Conkanee, false, Konkan, Madras or Salsette hemp or
Travancore flax; also 'incorrectly' Dekkan or Ambari hemp. Jubbulpore
or Jabbalpur hemp
- .563 Ambari or Dekkan hemp *Hibiscus*
Kano and Gambo hemp. Dekkan hemp also known in market as Bim-
ligatam jute
- .564 Majagua *Paritium* *Hibiscus tiliaceus*
- .565 Olona *Toucharia*
- .566 Colorado river hemp *Sesbania*
- .567 Canada (or Indian) hemp *Apocynum*
True Indian hemp; also called black Indian hemp
- .57 Hard fibers**
- .571 Manila hemp, Abaca *Musa*
- .572 New Zealand hemp *Phormium*
- .573 Mauritius hemp *Furcraea*
- .574 Bowstring hemp *Sansevieria*
- .575 Bromelia fibers
- .576 Pineapple fiber *Ananas*

- 633.577 Agave fibers
- 1 Sisal, henequen *Agave rigida*
- 2 Ixtle, istle, tampico *Agave heteracantha*
 Jaumave istle *Agave lophantha*
 Tula istle *Agave Lecheguilla*; also *A. univittata*, *A. caerulescens*,
 A. Kerchoevii
 Palm istle *Palma samandoca*, *Samuela carnerosana*, *Palma pita*,
 Yucca treuleana
- 3 Manila maguey *Agave Cantula*
- 4 Aloe fiber
- 5 Maguey fiber *Agave atrovirens*, *A. collina*, *A. Potosina*,
A. Tequilana, *A. vivipara*
- 6 Zapupe "zapupe verde", "zapupe azul"
- .58 Fibers for plaiting, basket and wicker work; rough weaving
- .581 Coir, coconut fiber Cocos
- .582 Raffia *Raphia*
- .583 Esparto grass, alfa, halfa *Stipa*
- .584 Hat fibers
 Jipijapa plant *Carludovica* Panama hats
 Yaraw or hat palm *Inodes*
 Straw, wheat, rye, barley, rice; in agricultural aspect better clast in 633.1
- .585 Rushes and sedges *Juncus* *Cyperaceae*
- .586 Reeds *Arundo*
- .587 Bamboo
- .588 Osier, willow *Salix*
 Other woods, splints, rattan
- .59 Fibers for other industrial uses
 Filling or stuffing fibers, calking natural fibers: Cuba bast etc. brush fibers,
 broom root, paper materials, usually better clast from agricultural standpoint
 with other uses of the material
- .6 Sugar plants and starch
- .61 Cane *Saccharum*
- .62 Sorghum *Andropozon sorghum* Brot. *S. vulgare* Linn.
- .63 Sugar beets *Beta*
- .64 Maple *Acer saccharum* Marsh
- .65 Palm
- .66 Other sugar plants
- .68 Starch
 Single plants usually better clast from agricultural standpoint with other uses
 of these plants; e. g. wheat, corn, rice, potatoes, etc.
- .7 Alkaloidal plants
 For those chiefly medicinal see 633.88
- .71 Tobacco *Nicotiana*
- .72 Tea *Canellia thea* Link *Thea* Linn.
- .73 Coffee *Coffea*
- .74 Cacao, cocoa, chocolate *Thesbroma*
- .75 Poppy, opium [?] *Papaver*
- .76 Kola or cola
- .77 Maté *Ilex*
 Brazil or Paraguay tea, Jesuits tea, yerba
- .78 Chicory, succory *Cichorium*

633.8 Perfumes, spices, condiments, etc.

- .81 Perfumery
 - See also 668.5
- .811 Floral: rose, jasmine, violet
- .812 Herbal: lavender, rosemary, geranium, patchouli
- .813 Citrin: bergamot
- .814 Woods: sandalwood, cedar
- .815 Roots: orris, vetiver
- .816 Balms and gums: myrrh, benzoin
- .82 Flavoring
 - .821 Vanilla
 - .822 Mints *Mentha*
 - .823 Wintergreen *Gaultheria*
 - .824 Sassafras
 - .825 Ginger *Zingiber*
- .83 Spices
 - See also 664.5
- .831 Allspice
- .832 Cloves
- .833 Cinnamon
- .834 Nutmeg
- .84 Condiments
 - .841 Pepper *Piper*
 - .842 Red pepper, paprika *Capsicum*
 - .843 • Chili *Capsicum*, specially *c. fastigatum*
 - .844 Mustard
 - .845 Capers
 - .846 Horseradish
- .85 Oil producing plants
 - Usually better clast from agricultural standpoint with the purpose for which the oil or plant is used
- .86 Vegetable dyes, dye plants
 - .861 Yellow
 - .862 Blue
 - .863 Red
 - .864 Green
- .87 Tanning material
 - Usually better clast from agricultural standpoint with the tree or plant from which the material is derived
- .871 Sumac Canaigre
- .88 Medicinal plants

634 Fruits, orchards, vineyards, forestry

SUMMARY

- .1 Pomaceous fruits
- .2 Drupaceous "
- .3 Citrous "
- .4 Minor fruits
- .5 Nut "
- .6 Palmaceous fruits
- .7 Small fruits
- .8 Grapes
- .9 Forestry

.1 Pomaceous or pome fruits

- .11 Apple *Pyrus malus*
- .12 Crab apple
- .13 Pear *Pyrus*
- .14 Quince *Cydonia*
- .15 Medlar *Mespilus*
- .16 Loquat, Japan plum *Eriobotrya Japonica*

.2 Drupaceous or stone fruits *Prunus*

- .21 Apricot *Prunophora*
- .22 Plum *Prunophora*
- .23 Cherry *Cerasus*
- .24 Racemose cherries: wild cherry, choke cherry, padins, sand cherry
- .25 Peach *Amygdalus* or *Prunus Persica*
- .26 Nectarine (variety)

.3 Citrous fruits: orange family, etc. •

- .31 Orange *Citrus aurantium*
- .32 Varieties
- .321 Trifoliate *C. trifoliata*
- .322 Mandarin, tangerine, kid glove orange *C. nobilis*
- .323 Grape fruit, pomelo, shaddock *C. decumana*
- .324 Kumquat *C. Japonica*
- .33 Citron group *C. medica*
- .331 Citron var. *genuina*
- .334 Lemon " *limon*
- .337 - Lime " *acida* or *limetta*
- .34 Other
- .341 Glycosmis *G. aurantiaca*
- .342 Lime berry, bergamot lime *Triphasia trifoliata* or *aurantiola*
- .343 White sapota, cochil sapota *Casimiroa edulis*
- .36 Moraceous fruits Mulberry family
- .37 Fig *Ficus Carica*
- .38 Mulberry *Morus*
- .39 Bread fruit *Artocarpus incisa*

634.4 Minor fruits

- .41 Anonaceous fruits, custard apple family
- .411 Sour-sop *Anona muricata* or *Asiatica*
- .412 Sweet-sop, sugar apple *A. squamosa*
- .413 Cherimoya; Jamaica apple *A. cherimolia*
- .414 Pond apple; mamon *A. glabra* or *laurifolia*
- .415 Custard apple; bullock's hart *A. reticulata*
- .418 Northern papaw *Asimina triloba*
- .42 Myrtaceous fruits, myrtle family
- .421 Guava *Psidium*
- .422 Rose apple; jamrosade *Eugenia jambos*
- .423 Surinam cherry; Cayenne cherry; pitanga *Eugenia uniflora* or *Michellii*
- .43 Sapotaceous fruits, star apple or sapodilla family
- .431 Sapodilla, naseberry *Achras sapota*
- .432 Marmalade tree or plum *Mammea sapota*, *Lucuma mammosa*
- .433 Star apple *Chrysophyllum Cainito*
- .44 Anacardiaceous fruits, cashew family
- .441 Mango *Mangifera Indica*
- .442 Jew plum, Pomne Cythere, Sweet Otaheite apple
Spondias dulcis
- .443 Spanish plum *Spondias purpurea*
- .45 Ebenaceous fruits; ebony family
- .451 Kaki; Japan persimmon *Diospyros Kaki*
- .452 Persimmon *D. Virginiana*
- .46 Leguminous fruits; bean family
- .461 Tamarind *Tamarindus Indica*
- .462 St John's bread; carob; karoub; algaroba *Ceratonia siliqua*
- .5 Nut fruits Nuciculture**
- .51 Walnut Juglars
- .511 Persian or English walnut *J. regia*
- .512 Black walnut *J. nigra*
- .513 Japan walnut *J. Sieboldiana*
- .518 Butternut, white walnut *J. cinerea*
- .52 Hickory nut *Hicoria*
- .521 Pecan *H. pecan*
- .522 Shagbark or little shagbark hickory *H. ovata*
- .523 Big or bottom shagbark hickory *H. laciniata*
- .524 Pignut *H. gleba*

- 634.53 Chestnut *Castanea*
 .531 European chestnut *C. sativa* or *vesca*
 .532 American chestnut *C. americana*
 .533 Japan chestnut *C. crenata* or *Japonica*
 .537 Chinkapin *C. pumila*
 .54 Filbert, hazelnut, cobnut *Corylus*
 .55 Almond *Prunus*
 .551 Almond *P. amygdalus*
 .552 Russian almond *P. nama*
 .555 Tropical almond *Terminalia Catappa*
 .57 Miscellaneous nuts
 .571 Litchi, Leechee *Nephelium Litchi*
 .572 Ginkgo *G. biloba*
 .573 Cashew *Anacardium occidentale*
 .574 Pistachio *Pistacia vera*
 .58 Peanuts *Arachis hypogaea*
 .6 **Palmaceous fruits**
 Palm family and miscellaneous tree fruits
 .61 Coconut, coco palm *Cocos nucifera*
 .62 Date palm *Phoenix dactylifera*
 .63 Oliv *Olea Europea*
 .64 Pomegranate *Punica granatum*
 .651 Papaw; melon papaw, melon zapote *Carica*
 .652 Spanish lime *Ginep* *Melicocca bijuga*
 .653 Alligator or Avocado pear *Persea gratissima*
 Aquacata, Midshipman's butter
 .654 Mammee apple, S. Domingo apricot *Mammea Amer-*
 icana
 .661 Hovenia
 .662 Jujube *Zizyphus*
 .663 Myrica
 .664 Seagrape; shore grape *Coccoloba uvifera*
 .665 Pigeon plum *Coccoloba Floridara*
 .666 Otaheite gooseberry *Phyllanthus distichus*
 .667 Strawberry tree *Arbutus unedo*
 .7 **Small fruits, bush fruits and herblike fruits**
 .71 Rubaceous, cane or bramble fruits *Rubus*
 .711 Raspberries
 .712 European
 .713 Black cap
 .714 Red
 .715 Oriental raspberries, wineberry, Japanese wineberry
 .716 Blackberry
 .717 Dewberry
 1 Northern 2 Southern 3 Pacific

- 634.72 Ribaceous fruits Groselles *Ribes*
 .721 Currants
 .722 Garden or common currant *R. rubrum*
 .723 Black currant
 1 European *R. nigrum*
 2 American *R. Americanum*
 3 California *R. bracteosum*
 .724 Buffalo, Missouri, flowering or golden currant *R. aureum*
 .725 Gooseberry
 .726 European *R. grossularia*
 .727 American *R. oxycanthoides*
 .73 Huckleberry, blueberry, etc.
 .731 Blue tangleberry or dangleberry *Gaylussacia frondosa*
 .732 Black huckleberry *G. resinosa*
 .734 Low or dwarf blueberry *Vaccinium Pennsylvanicum*
 .735 Canadian blueberry *V. Canadense*
 .736 Low or pale blueberry *V. vacillans*
 .737 Swamp blueberry High huckleberry *V. corymbosum*
 .74 Miscellaneous bush fruits
 .741 Juneberry *Amelanchies*
 .742 Buffalo berry *Lepargyreaea argentea* *Shepherdia argentea*
 .743 Goumi *Elaeagnus longipes* or *multiflora*
 .744 Caraunda Christ's thorn *Carissa Carandas*
 .745 Cranberry bush, high or tree cranberry *Viburnum opulus*
 .746 Barberry *Berberis*
 .75 Strawberry *Fragaria*
 .751 Garden strawberry, Pine strawberry *F. chiloensis*
 .752 Hautbois strawberry *F. moschata*
 .753 Alpin and perpetual strawberry *F. vesca*
 .754 Scarlet or Virginia strawberry *F. Virginiana*
 .76 Cranberry *Vaccinium macrocarpor*, etc.
 .77 Nonwoody or herblike fruits
 .771 Musacious fruits *Musa*
 .772 Banana *Musa sapientium*
 .773 Plantain banana, cooking banana, Adam's fig var. *paradisiaca*
 .774 Pineapple *Ananas sativus*
 .775 Cactaceous fruits
 1 Prickly pear, tuna *Opuntia tuna*
 4 Indian fig *Opuntia ficus Indica*
 7 Barbados gooseberry, lemon vine, blad apple *Pereskia aculeata*
 .776 Miscellaneous herb like fruits
 1 Cyphomandra; tree tomato *Cyphomandra betacea*
 2 Ceriman *Monstera deliciosa*

634.8 Grapes, vineyards

.9 Forestry

635 Garden crops; kitchen and market gardening

SUMMARY

- .1 Edible roots, including tubers and bulbs
- .2 Tubers and bulbs
- .3 Edible leaves or flowers
- .4 Greens, pot herbs
- .5 Salads
- .6 Edible seeds and fruits
- .7 Condimental and sweet herbs
- .8 Mushrooms, truffles
- .9 Floriculture

.1 Edible roots

.11 Beet

.12 Turnip

Usually a field crop. See 633.42

.126 Rutabaga Swedish turnip Turnip-rooted cabbage

.127 Navew, French turnip

.128 Celeriac, turnip-rooted celery

.13 Carrot

.136 Turnip rooted chervil

.137 Chicory

Better in 633.78

.14 Parsnip

.15 Radish

.16 Salsify, oyster plant, vegetable oyster

.166 Scorzonera, black salsify

.167 Scolymus, Spanish salsify

.2 Edible tubers and bulbs

.21 Potato

.22 Sweet potato, Spanish potato, batata

.23 Yam

.24 Jerusalem artichoke, topinamber

.25 Onion

.26 Other plants of Allium family

.261 Leek

.262 Garlic

.263 Shallot, scallion

.264 Cibol, Welsh onion (French, ciboule)

.265 Cive, chive

635.3 Edible leaves, flowers and stems

- .31 Asparagus
- .32 Artichoke
- .327 Cardoon, chardoon
- .33 Sea kale
- .34 Cabbage
- .346 Kale or borecole
- .347 Collards
- .348 Kohlrabi
- .35 Cauliflower
- .356 Broccoli
- .36 Brussels sprouts
- .4 Greens
- .41 Spinach
- .42 Chard, sea-kale beet, Swiss chard
- .43 Orach, French spinach
- .44 Mustard
- .45 Sorrel Dock
- .46 Dandelion Purslane (pusley)
- .49 Rhubarb
- .5 Salads
- .51 Bitter salads
 - Dandelion. See 635.46
 - Cardoon. " 635.327
- .52 Lettuce *Lactuca sativa*
- .53 Celery *Apium graveolens*
- .54 Chicory or succory *Cichorium intybus*
Also used as pot herb and root
- .55 Endive *Cichorium endivia*
- .56 Piquant or warm salads
 - Class any species or variety with its genus; e. g. bitter cress, *cardamine amara* with 635.562
 - .561 Water cress *Nasturtium officinale*
 - .562 American water cress *Cardamine rotundifolia*
 - .563 Garden cress *Lepidium sativum*
 - .564 Winter cress *Barbaria vulgaris*
 - .565 Swine cress *Senebiera coronopus*
 - .566 Indian cress *Tropaeolum majus*
For mustard see 635.44
- .57 Neutral salads
 - Lamb's lettuce, corn salad, feticcus

- 635.6 Edible seeds and fruits**
- .61 Melons
 - .611 Muskmelon: cantaloup, nutmeg, winter, etc.
 - .615 Watermelon: preserving or "citron"
 - .618 Zit Kwa, wax gourd
 - Chinese preserving melon, Chinese watermelon
 - .62 Squashes
 - .621 Summer or bush squashes
 - Crooknecks, scallop or pattypan, pineapple
 - .622 Fall and winter, or longrunning squashes
 - Canada crookneck, Hubbard
 - .623 Vegetable marrow
 - .624 Pumpkins
 - .627 Luffa, rag gourd, dishcloth gourd, vegetable sponge
 - .63 Cucumbers Gherkins Martynia
 - .64 Tomato
 - .646 Eggplant, guinea squash, aubergine
 - .647 Physalis, husk tomato, strawberry tomato
 - .648 Okra or gumbo
 - .65 Beans
 - .651 Broad bean
 - .652 Kidney bean: garden, snap and string bean; haricots
 - .653 Lima or sugar bean
 - .654 Dolichos
 - .655 Soy or soja bean See 633.34
 - .66 Peas
 - .667 Chick pea *Cicer arietinum*
 - .668 Lentils *Lens esculenta*
 - .67 Sweet corn
 - .677 Pop corn
 - .7 Condimental and sweet herbs
 - For the regular condiments of commerce see 633.84 and 664.5
 - .71 Seasoning leaves
 - Sage, savory (summer and winter), marjoram, thyme
 - .72 **Mint, spearmint**
 - .73 **Minor seasoning**
 - Basil, clary, fennel, balm, marigold
 - .74 Flavoring for pickles, vinegar, etc.
 - Dil, tarragon, samphire, costmary
 - .75 Seeds for flavoring
 - Anise, coriander, carraway
 - .76
 - .77
 - .78 Garnishes: parsley, leaf chervil
 - .8 **Mushrooms, truffles**
 - .9 **Floriculture**

- 636.082 Formation of stock
 Races, breeding, heredity, etc.
- 1 Character of herd, flock, colony, etc.
- 11 Species, races, breeds, strains; heredity, variation
- 2 Herd books, stud books, flock books, etc.
- 3 Composition of herd, flock, colony; sexes
 Including notes and articles about the different kinds
- 31 Male
- 32 Female
- 33 Neuter (of bees)
- 34 Castrated male Gelding
- 35 " female
- 36 Young animals
- 37 Males
- 38 Females
- 4 Breeding Reproduction
- 41 Breeding in and in
 Line breeding. Animals closely related by blood
- 43 Cross-breeding
- 431 Hybrid
 Individuals of different species
- 432 Métissage
 Individuals of different races
- 44 Choice of parents
- 45 Generation
- 451 Sexual excitement: heat, rut
- 453 Sexual union
- 454 Impregnation
 Fusion of male and female element
- 46 Laying of eggs
- 461 Nests
- 47 Incubation Hatching
- 471 Natural
- 474 Artificial Incubators
- .083 Care of animals
- 1 Building and installation
 Stalls, boxstalls, pens, nests
- 2 Care of stables or houses
 Cleanliness, bedding
- 3 Care of animals
 Grooming, clipping
- 37 Special care of young
 Brooders 636.5
- 4 Care of feet Shoeing
- 5 Care of animals outdoors
 Shepherds, watch dogs, etc.
- 6 Acclimatization
- 61 Protection from cold: blankets
- 62 " " heat
- 66 " " wind and rain
- 7 Care of harnesses and accouterments

- 636.084 Feeding
 - 1 Feeding of young
 - 11 Suckling
 - 12 Weaning
 - 13 Hand or artificial feeding
 - 2 General methods of feeding
 - 21 In stables, houses, etc.
 - 22 In pasture
 - 23 Mountain pastures, ranches
 - 31 Special provisions: water, salt, etc.
 - 4 Ordinary, rational feeding
 - 41 Rations Amount and proportion
 - 42 Kind and times of feeding
 - 45 Substitutions Variety
 - 5 Feeding for special purposes
 - 51 For breeding time
 - 52 For increase production: milk, eggs, etc.
 - 53 For work
 - 55 For fattening
 - 56 Forced feeding, cramming
- .085 Food
 - 1 Composition
 - 2 Nutritive value
 - 3 Food experiments
 - 4 Commercial value
 - 5 Different kinds of food
 - For individual foods see 638.086 and .087
 - 51 Fresh or green fodder
 - 52 Ensilage
 - 54 Dry fodder
 - Hay, straw, grains
 - 57 Prepared foods
 - Industrial residues Cakes of oily grain or fruit
 - 6 Preparation and use of food
 - 9 Adulterations of foods for animals
- .086 Foods
 - Divided like 633
 - 13 Oats
 - 15 Corn
 - 2 Forage crops, hay
 - 25 Straw
 - 255 Cornstalks
 - 32 Clover
 - 41 Beets

- 636.087 Other foods
 - 4 **Fruits**
Divided like 634
 - 5 **Garden crops**
Divided like 635. Use only for material not covered by subdivisions of 633
 - 6 **Animal food**
 - 7 **Mineral foods: salt, condiments**
- .088 Utilization and training of animals
 - 1 For breeding purposes
 - 2 For work
 - 3 For production of food: meat, eggs, etc.
 - 4 For animal products
Wool, skins, feathers, etc.
 - 6 Breaking, training, etc.
 - 61 To saddle etc. for carrying purposes
 - 62 To harness, for work
 - 66 Special training
 - 661 Carrying messages
 - 662 Hunting
- .089 Hygiene, diseases, etc.
 - In general better class
 - Hygiene 614.9
 - Diseases 619

but this place is provided for keeping these topics in connection with animals when so desired
 - 1 Anatomy
 - 2
 - 3 Hygiene
 - 5 Remedies, materia medica
 - 6 Diseases
 - 7 Surgical operations
- .1 **Horse**
 - .11 Oriental horse
Arabian, Persian, Tartar, Turkish, Barb
 - .12 Speed horse, race horse, light type, 'hot blooded'
 - .121
 - .122 English thorobred or running horse
 - .127 Other European
 - 1 Russian Orloff trotters
 - .128 American trotter or pacer
 - 1 Morgan
 - .13 Saddle horse
Hunter; military (charger, cavalry horse, etc.), American saddle, Kentucky saddle, cob, park hack, palfrey

- 636.14 Coach or carriage horses
 - Harness horse
- .142 English coach
 - 1 **Cleveland bay**
 - 2 **Yorkshire coach**
 - 3 **Hackney**
- .143 German coach
 - East Prussian or Trakehner, East Friesland, Rhenish Prussian, Mecklenburg, Schleswig, Hanoverian, Oldenburg, Holstein
- .144 French coach, ' demisang '
- .145 Italian: Corsican
- .15 Draft horse, cart horse, heavy type, ' cold blooded '
- .152 English
 - 1 **Clydesdale**
 - 2 **Suffolk punch or draft**
 - 3 **Black or shire draft**
- .154 French and Belgian
 - 1 **Norman, Percheron**
 - 2 **Ardennais**
 - 3 **Boulonnais**
 - 4 **Breton**
 - 5 **Nivernais**
 - 8 **Belgian draft, Flanders dray, Flemish horse**
- .158 American draft
 - Conestoga
- .16 Ponies
- .161 Ponies for special purposes: polo
- .162 Scotch, English and Welsh
 - 1 **Shetland**
 - 2 **Galloway**
 - 4 **Exmoor**
 - 5 **Dartmoor**
 - 6 **New Forest**
 - 9 **Welsh**
- .168 American
 - Mustang, bronco, Indian pony
- .18 Allied animals
- .182 Ass: jackass, donkey, burro
 - Asiatic, Catalanian, Italian, Maltese
- .183 Mule, hinny
- .184 Zebra, quagga, etc.
- .185 Zebrule, zebroid

636.2 Cattle Greater ruminants

May be divided like 636.01-.09, but for utilization use .21, subdivided like 636.088

- .21 Uses
 - See note above
- .22 English cattle
- .221 Old stocks
 - Forest cattle, wild white, Chillingham
- .222 Beef breeds
 - 1 Short horns
 - 2 Durham
 - 3 Teeswater
 - 4 Lincolnshire
 - 5 Red shorthorn
 - 6 Hereford whitefaced
 - 7 Polled Hereford
 - 8 Sussex
- .223 Scotch, Welsh and Irish beef breeds
 - 1 Aberdeen Angus
 - Angus doddie, Buchan humblies, polled Aberdeen
 - 2 Galloway
 - Blue gray
 - 3 West highland: Kylloe
 - 6 Black Welsh
 - Ar Anglesey (North Wales) and Castle Martin (South Wales) better
clast under .226 as dual purpose ?
- .224 Dairy breeds
 - 1 Channel island cattle
 - 2 Alderney
 - 3 Jersey
 - 4 Guernsey
- .225 Scotch and Irish dairy
 - 1 Ayrshire
 - 2 Dunlop
 - 3 Cunningham
 - 6 Kerry
 - Dexter Kerry, Dexter shorthorn
- .226 Dual purpose breeds
 - 1 Devon
 - North Devon, Rubies, South Devon
 - 2 South Hams
 - Hammers
 - 3 Polled Durham
 - 4 Red polled
 - 5 Norfolk
 - 6 Suffolk
 - 7 East Anglian
 - 8 Longhorn (English)
 - Dishley

- 636.23 German, Dutch and Swiss cattle
 - .232 Beef breeds
 - .234 Dairy breeds
 - 1 Holstein
 - 2 Holstein Friesian
 - 3 East Friesian
 - 4 Oldenburg
 - .235 Dutch
 - 1 Dutch Friesian, Netherland, North Holland
 - 4 Dutch belted: Lakenfelds, Lakenvelders, Veldlakers
 - 6 Danish
 - 7 Jutland
 - .236 Dual purpose
 - .237 Swiss
 - 1 Brown Swiss
 - 2 Simmental
 - 3 Bernese
 - 4 Spotted race
 - .24 French and Belgian
 - .242 Beef
 - .244 Dairy
 - 1 Breton, Brittany
 - .245 Belgian dairy
 - 1 Flamande, Flemish
 - 2 Rosenstein
 - .246 Dual purpose
 - 1 Norman
 - 2 Cotentin
 - .27 Other European
 - .271 Russian
 - Kolmogorian
 - .28 Noneuropean
 - .282 American beef breed
 - 1 Longhorn, Texas steer
 - .283 American dairy breed
 - 1 American Holderness, Holderness
 - 2 French Canadian, Quebec Jersey
 - .29 Allied animals
 - .291 Brahmin sacred cattle; zebu
 - .292 Bison family
 - 1 Bison; American buffalo
 - 2 Cattalo
 - Hybrid of bison and cow
 - 3 European bison

- 636.293 Buffalo or water buffalo *Bubalus*
 Bhains, mhains, arna, arni (Hindu)
 Moonding (Sudan)
 Karbo or Karbon (Malay)
 Carabao (Philippines)
- .294 Reindeer
- .295 Camel: Arabian, Bactrian; dromedary
- .296 Lama, llama, alpaca
- .297¹ Yak
- 2 Gayal, gaur
- 636.3 Sheep, goats **Smaller ruminants**
 May be divided like 636.01-.09, but for utilization use .31, subdivided like 636.008
- .31 Uses
 See note above
- .32 English breeds
- .32¹ Longwool breeds
 Coarse-woold
- 1 Cotswold
- 2 Leicester
 English Leicester, New Leicester or Dishley, Bakewell's Leicester
- 3 Border Leicester
 Halfbred or Leicester-Cheviot or Cheviot-Leicester or Upland Leicester
- 4 Lincoln
- 5 Kent or Romney marsh
- 6 Wensleydale
 Bluefaced Wensleydale, Wensleydale longwool, Wensleydale blueface,
 Teeswater
- 7 Devon longwool, Southam nolt, Bampton nolt
- 8 South Devon or South Dum
- 9 Roscommon
- .322
- .323 Shortwool breeds
 Medium-woold; middle-woold; down sheep; mutton sheep
- 1 Southdown, Sussex, Sussex down
 Including Underhill and Upperdown
- 2 Hampshire down, improved Hampshire down, Wiltshire brook,
 Berkshire knot, Wiltshire hornd
- 3 Dorset down or West Country down, Dorset-horn, hornd
 Dorset
- 4 Oxford or Oxfordshire down
 Before 1859 call'd Down-Cotswold
- 5 Suffolk down, old Norfolk, hornd Norfolk
- 6 Shropshire down, Morfe common
- .324¹ Dorset and Somerset horn
- 2 Ryeland or Lempster (or Hereford?)
- 3 Clun Forest, Wicklow (Irish)
- 4 Kerry Hill (Irish)
- 5 Radnor

- 636.325 Mountain breeds
- 1 Cheviot
 - 2 Blackfaced
Scotch blackface or blackfaced Scotch, Linton Forest, Lammermuir
Tweeddale, Blackfaced highland
 - 3 Hardwick (or Cumberland?)
 - 4 Lonk or Lank Lancashire blackfaced
 - 5 Penistone
 - 6 Limestone, Limestone Crag
 - 7 Rough Swaledale
 - 8 Shetland, Orkney, Hebrides
- .3261 Derbyshire gritstone
- 2 Dartmoor
 - 3 Exmoor Exmoor horn
 - 4
 - 5
 - 6 Cornwall
 - 7 Welsh mountain
- .33 German and Dutch breeds Swiss
- .331 Low country or marsh sheep
Hornless and short tailed
- 1 Dutch Texel
 - 4 Friesian
East and North Friesland, Eiderstedt, Dithmarsch, Butjading, Zeeland
 - 7 Northeast German
Vaga, Elbingen
- .333 Upland sheep, heath sheep (German heidsnucken)
- 1 Pomeranian or Polish, Mecklenburg (Spiegelschaf)
 - 2 Hessian
 - 3 Bavarian or Zaupel Franconian (Frankenschaf)
 - 4 Rhine
 - 5 Hanoverian, Münster
 - 6 Styrian or Carinthian
- .34 French and Flemish breeds
- .342 Central plateau breeds
- 1 Auvergne
 - 2
 - 3 La Marche
 - 4
 - 5 Limousin
 - 6
 - 7 Saintonge
- .344 Loire basin and north France breeds
- 1 Berrichonne (Crevant, Cher, Indre)
 - 2 Solognote (Sologne)
 - 3 Comtoise (Franche-Comté)
 - 4 Ardennes (Poitou)
 - 5 Percheron (Perche)
 - 6 Angevine (Anjou)
 - 7 Cotentin
 - 8 Bretagne
 - 9 Charmoise (Loir et Cher)

- 636.346 Pyreneese breeds
- 1 Basquaise
 - 2 Béarnaise
 - 3 Landaise
 - 4 Gasconne
 - 5 Lauraguaise
 - 6 Lot
 - 7 Albigeois
 - 8 Aveyron
 - Varieties: Larzac, Lacaune, Olempe, Cevennes, Causse
 - 9 **Barbarins**
 - Varieties: Millery, Lahune, Marthold
- .35 Italian
 - Neapolitan: long, broad or fat tailed Bergamasker; Paduan; Italian or Sardinian, mountain
- .36 Spanish breeds Merinos, etc.
- .361 Escorial or Estramadura
 - .362 Guadaloupe
 - .363 Pavlar
 - .364 Infantado
 - .365 Nigretti
 - .366 Other Spanish
 - Aguirre, Atwood, Montares, Leonese, Churra
- .367 Other European merino breeds
- 2 **British**
 - 3 **German**
 - 31 Prussian
 - 32 Hanoverian
 - 33 Saxon
 - 34 Silesian
 - 37 Hungarian
 - 4 **French: Rambouillet**
 - 8 **Danish, Swedish, etc.**
- .368 Noneuropean merino breeds
- 1 **American**
 - 2 **Delaine**
 - 3
 - 4 **Australian**
- .37 Other European sheep
- .371 Russian
 - .372 North Europe: Scandinavia, Iceland, Faroe ilands
 - Ovis brachyura borealis
- .373 Southeast Europe
 - Long tailed, broad or fat tailed: Macedonian or Clementine
 - Long tailed and small tailed, mixt wool: Cretan, Macedonian, Wallachian,
 - Moldavian or Hungarian

- 636.38 Noneuropean
 .385 Asiatic
 Short tailed, horned: Tartar, Kalmuck, Kinghir, Buriat fat rump (ovis steatopyga); stump tailed (ovis brachyerca). * See also 636.386
 Short tailed, hornless: Mecca fat rump, Chinese (ongtischaf), Persian
 Long tailed, broad or fat tailed, dumba (ovis platyura): Syrian, Anatolian, Karamanian or Levant, Persian, Bokhara
 Arabian or Bedouin
 Kabardian or Circassian
- .386 African sheep
 Long tailed, broad or fat tailed: Egyptian, Tunisian, Berber or Algerian
 Long and small tailed, heavy fleece: Bisharin (Nubian), dinka (sheep with manes, ovis africana), high legd or Guinea sheep (Kongo), Morvan (longipes), Libyan or Fezzan, Zunu or Angola
 Stump tailed (ovis brachyerca). See also 636.385
- .39 Goats
 May be divided like 636.01-.09, but for utilization use .391 subdivided like 636.088
- .391 Uses
 See note above
- .392 British goats
 Irish goat, longhaired
 English goat, shorthaired
- .393 German and Austrian goats
 Hartz mt, Hinterwald, Hungarian, Langensalza, Saxony, Schwarzwald, Starkenburg, Westphalian, Wiesental
- 6 Swiss goats
 Alpine or common goat
 Blackneckt Valais, Schwarzhals or Schwarztal, Glacier, Saddle Guggisberg
- 7 Toggenburg
- 8 Appenzell or flat-headed
- 9 Saanen or Sarnen, Gessenay or Gassenay
- .394 French goats: Tarentaise
- .395 Italian goats: Maltese
- .396 Spanish goats
 Hornless, Granada, Malaga
 Shorthaired reds, Spanish-Maltese
- .397 Other European goats
- .398 Noneuropean goats
- 1 American goats
- 5 Asiatic goats
 Tibet (China), Angora (Persia), Syrian
- 54 India
 Kashmir (or shawl Tibet), Nepal (variety of Nubian), Surats, Tahr (shaggy brown Himalayan goat)
- 6 African goats
 Abyssinian (or Nubian), Guinea
- 62 Egypt
 Egyptian (or Nile), Theban, Zairaibi

636.4 Swine

May be divided like 636.01-.09, but for utilization use .41 subdivided like 636.088

- .41 Uses
 - See note above
- .42 English breeds
 - .421 Small black breeds
 - Use also for small breeds in general
 - 1 Essex
 - 2 Sussex
 - 3 Suffolk
 - .422 Small white breeds
 - 1 Windsor
 - 2 Small Yorkshire
 - 3 Coleshill
 - .424 Large white breeds
 - 1 Yorkshire
 - 2 Lancashire
 - 3 Cumberland
 - 4 New Leicester
 - 5 Lincolnshire
 - 6 Suffolk
 - .426 Medium colored breeds
 - Use also for medium breeds in general
 - 1 Black Berkshire
 - 2 Red Tamworth
 - 3 Red Berkshire
 - .427 Medium white breeds
 - 1 Middle Yorkshire
 - 3 " Suffolk
- .43 German and Dutch breeds
 - .431 Lowland breeds Southern Germany
 - Use this also as general number for short eard.
 - Bavarian Franconian Halle Suabian
 - Düsseltaler Glanschwein Luzern Wurtemberg
 - .432 Shorteard Hungarian
 - Carpathian, Bergschlag
 - Bakonyer or Bakouner
 - Szalontaer
 - .433 Western and Northern Germany
 - Use this also as general number for large eard. Large Polish, Meissner
 - .434 German marsh swine, large eard
 - Danish islands Holland Mecklenburg Schleswig-Holstein
 - Hanover Jutland Oldenburg Westphalia

- 636.44 French
 - .441 Large eard French Celtic breed
 - Northeastern France
 - Champagne
 - .443 Northwestern France
 - Breton
 - Norman Augeronne
 - Craonnaise
 - Mancelle
 - Angevin
 - .445 Southwestern France Spanish origin
 - French Perigord
 - Quercy
 - Limousin
 - Gasconne
 - Béarnaise
 - .447 Southeastern France
 - Provence
 - Roussillon
 - Languedoc
 - Bressane
 - .449 Swiss
 - Grisson Bündener
 - .45 Italian, Neapolitan, Maltese, Tuscan, Romagnole
 - .46 Spanish and Portuguese
 - .47 Other European
 - .471 Curly bristled Southeastern Europe
 - .472 Serbian Syrmian
 - Mongolicza or Mangalicza
 - Curly bristled Hungarian
 - Milos
 - Sumadia or Obrenovics
 - .473 Croatian
 - .474 Rumanian, Moldavian
 - Anatolian
 - Albanian
 - .475 Russian
 - .48 Other countries
 - .481 American breeds
 - .482 Poland-China
 - .483 Red Jersey or Duroc-Jersey
 - .484
 - .485 Asiatic: Chinese, Tonquin, Siamese
 - .486 Africa
 - Cape breeds, Sennaar, Guinea
 - .489 Oceania
 - Papuan

636.5 Poultry

May be divided like 636.01-.09, but for utilization use .51 subdivided like 636.088
 The Institut International de Bibliographie classes here fowls of which the flesh
 or eggs are useful for food. This plan divides pigeons, putting food pigeons here
 but carrier and fancy pigeons in 636.6. Is this better than to attract all pigeons
 to 636.5?

- .51 Uses
 See note above
- .52 English breeds
- .521 Dorking
- .522 Sussex or Surrey
- .523 Kent
- .524 Orpington
- .525 Redcap
- .526 Other English
 Lincolnshire buffs
- .527 Scotch grays
- .528 Other Scotch
 Scotch bairds or dumpies Jumpers Dumbartonshire
- .53 German and Dutch breeds
- .531 Hamburg
- .532 Lakenfelder
- .533 Ramelsloher
- .536 Styrian
- .537 Bohemian
- .538 Other
 East Friesian, Westphalian, Thuringian, Alsatian, Nassau, Augsburg, etc.
 Magyar
- .54 French and Belgian breeds
- .541 Crèvecoeur
- .542 Houdan
- .543 La Flèche Le Mans Caux
- .544 La Bresse, Louhans, Bourg, Bourbourg, Barbézieux,
 Coussade, Courtes-pattes
- .545 Faverolles
- .546 Gournay, Pavilly, Caumont
- .547 Other
 Concou, French cuckoo, Mantes, Estaires
- .548 Belgian breeds
 Campenes or Campines, or Brackel; Brabant. Huttegen
 Bredes or Guelders or Guelderlands. Coucou de Malines. Bruges
- .55 Italian breeds
 Use also as general number for Mediterranean breeds
- .551 Leghorn
- .552 Paduan or Polish (in England)
 Also called Pompadour, Padouse, Polanders
- .553 Polverara
- .554 Ancona

- 636.56 Spanish breeds
 - .561 Castilian
 - .562 Minorcan
 - .563 Black Spanish
 - .564 Blue Andalusian
 - .565 Prat
 - .57 Other European
 - .571 Pavloff (Russian)
 - .572 Siberian featherfooted
 - .573 Sultans
 - .58 Other countries
 - .581 American breeds
 - 1 Dominican, Dominique, Dominiker
 - 2 Jersey blue
 - 3 Bucks county
 - 4 Java
 - 5 Buckeye
 - 6 Winnebago
 - .582 Plymouth rock
 - .583 Wyandotte
 - .584 Rhode Island red
 - .585 Asiatic breeds
 - 1 Cochinchina Shanghai
 - 2 Brahmaputra Brahma, Gray Chittagong
 - 3 Langshan
 - 4 Malay
 - 7 Japanese fowls
 - White Yokohama
 - Phoenix
 - .587 Special varieties
 - 1 Bantams
 - 11 Common
 - 12 Game
 - 13 Polish
 - 14 Asiatic
 - 15 Japanese
 - .588 Other
 - 1 Game
 - 11 Azeel or Aseel
 - 12 English game
 - 13 Sebright (a bantam only)
 - 14 Cornish Indian, or Indian (in England), or Cornish (in America)
 - 15 Malay
 - 2 Deformed
 - Rumpless or Tailless or Wallikiki; Turkey necks, Naked necks, Gillieskins, Nude
 - 3 Silkies
 - 4 Frizzles

- 636.59 Other fowls
- .592 Turkey
- 1 **Original species**
- 11 American, or N. American 'original' or wild turkey (meleagris Americana)
- 12 Mexican wild turkey (meleagris Mexicana)
- 13 Honduras wild turkey (meleagris ocellata)
- 14 Crested turkey
- 2 **Bronze**
- English Cambridge turkey
- 3 **Narragansett**
- 4 **Buff**
- 5 **Slate or Austrian whites** (in England)
- 6 **White, or White Holland** (in America)
- 7 **Black, or Norfolk or black Norfolk** (in England)
- 8 **Bourbon red, or Bourbon butternut, or Kentucky red**
- Same as Bronze or English Cambridge?
- .593 Guinea fowl
- .594 Pheasant
- .595 Peacock
- .596 Pigeons
- 1 **High class fancy pigeons**
- 11 Pouters
- 12 English carrier
- 13 Runt
- 14 Barb
- 15 Shortfaced tumbler
- 2 **High class toy pigeons**
- 21 Fantail
- 22 Owls
- 23 Turbits
- 24 Frillbacks
- 25 Jacobins
- 26 Trumpeters
- 27 Scandaroons
- 28 Florentine amalgamated, Hen
- 31 Dragoon, Horseman
- 32 Priests
- 33 Brunswick
- 34 Oriental frills
- 35 Homers, white homing, Antwerp
- 4
- 5 **Other toy pigeons**

- 636.597 Ducks
- 2 **English breeds**
 - 21 Aylesbury
 - 22 Indian runner
 - 23 Blue Swedish
 - 4 **French breeds**
 - Rouen, colored Rouen, also cald Rhone and Roan
 - 8 **Other countries**
 - 81 American
 - 82 Cayuga, black Cayuga
 - Also called Big Black and Lake duck
 - 83 Muscovy
 - Colored Muscovy, Musk duck
 - White Muscovy
 - 85 Asiatic: Pekin, White Pekin
 - By Chinese cald Mandarin
- .598 Goose
- 3 **German: Emden, White Emden**
 - 4 **French: Toulouse, Gray Toulouse**
 - 7 **Sebastopol**
 - 8 **Other countries**
 - 81 Wild or Canadian Gray wild
 - 85 Chinese: white, brown
 - 86 African
 - Also cald Indian, gray African and Guinea
 - 87 Egyptian Colord Egyptian
 - 89 Spurwingd (Australia)
- .6 **Birds**
- For poultry see 636.5. Here are clast domesticated birds useful for plumage or work, and pet birds. Subdivisions given ar those of I I B
- .61 Birds useful for their fethers
- For geese see 636.598. If 636.5 is limited to foodproducing birds, eider ducks class here. See note under 636.5
- .611 Ostriches
- .62
- .68 Song and ornamental birds
- .681 Swan
- .686 Cage and aviary birds

636.7 Dogs

May be subdivided like 636.01—.07, but for uses see 636.72—.78

- .71 Breeds
- .72 Utility dogs
- .73 Draft and other work dogs
- .74 Watch dogs, herd dogs
- .75 Hunting and sleuth dogs Carrier dogs
- .76 Pet dogs
- .765 Toy dogs
- .77 Dogs in art
 - See also 758 Animal painting
- .78 Dogs in literature
 - Essays, stories, biography, etc.
- .79 Other topics
- .8 Cats**
- .81 Breeds
- .87 Cats in art
 - See also 758 Animal painting
- .88 Cats in literature
 - Essays, stories, etc.

637 Dairy and dairy products

- .1 Milk**
- .11 Economics
- .113 Dairy farms
 - Description of individual farms
- .116 Finances and accounts
- .117 Expenses
- .118 Returns
- .1185 Sale price
- .12 Production and composition
- .121 Choice of dairy cows
- .122 Special food
 - Better class in 636.208452?
- .124 Milking
 - Milk pails, milk stools, milking tube
- .125 Artificial milkers
- .127 Composition of milk
 - 1 Fat**
 - 2 Lactose, milk sugar, lactic acid; galactin**
 - 3 Casein**
 - 6 Milk testing**
 - Creamometer Lactobutyrometer Lactodensimeter Lactoscope
 - Galactometer Lactocrite Lactometer Percent tube
 - 7 Milk analysis**

- 637.13 Care of milk
 - .131 Buildings, dairies
 - .132 Installation, apparatus
 - 1 Refrigerating apparatus, milk cooler
 - 2 Heating apparatus
 - 3 Pasteurizers
 - 7 Receptacles Storage Milk-pans
 - .133 Preservation
 - 1 Chilling
 - 2 Heating
 - 3 Pasteurizing
 - .135 Transportation and sale of milk
 - Milk cars, milk wagons, bottles, cans
- .14 Utilization Consumption
- .141 Whole milk
- .142 Condensed milk
- .143 Milk powder
- .144 " farina
- .145 " sugar
- .146 Fermented milk Kumis
- .147 Skim milk
- .148 Cream
- .16 Accidents Alterations Diseases Impurities Adulterations
- .17 Milk other than cow's milk
 - .171 Mare's milk
 - .172 Asses "
 - .173 Ewe's "
 - .174 Goat's "
- .18 Substitutes for milk
- .181 Vegetable milks
- .2 Butter
 - .21 Economics
 - .216 Finances and accounts
 - .217 Expenses
 - .218 Returns
 - .2185 Sale price
 - .22 Composition
 - .221 Character and properties of butter
 - .222 Constituents of butter
 - .223 Grades of butter
 - .225 Butter testing
 - .227 " analysis

637.23	Preparation of butter			
.231	Buildings	Creameries	Butter factories	
.232	Installation, apparatus			
1	Separators			
11	Skimmers			
12				
13				
14	Centrifugal separators			
2	Churns			
3	Washers			
4	Workers			
8	Presses, molds, stamps, etc.			
.233	Butter making			
1	Separating cream			
2	Churning			
3	Washing			
4	Working			
5	Salting			
6	Pasteurization			
7	Ripening			
.235	Transportation and packing			
1	Methods of packing		Receptacles	
.24	Utilization	Consumption		
	Including residues			
.247	Buttermilk			
.26	Alterations	Diseases	Impurities	Adulterations
.27				
.28	Substitutes for butter			
.281	Oleomargarine			
.282	Butterine			
.3	Cheese			
.31	Economics			
.316	Finances and accounts			
.317	Expenses			
.318	Returns			
5	Sale prices			
.32	Character and composition			
.321	Character and properties			
.322	Constituents			
.323	Grades of cheese			
.325	Cheese testing.			
.327	Cheese analysis			

- 637.33 Cheese manufacture
 - .331 Cheese factories
 - .332 Installation, apparatus
 - 1 Borlen
 - 2 Curd mills
 - 3 Presses
 - .333 Cheesemaking
 - 1 Curdling Rennet
 - 2 Refining
 - 3 Pressing
 - 4 Heating
 - 8 Putting in molds
 - .335 Transportation, packing, etc.
 - 1 Packing
 - 2 Storage
 - .34 Utilization Consumption
 - Including by-products
 - .345 Milk sugar
 - .347 Whey butter
 - .35 Varieties
 - .351 Rennet cheese from cow's milk
 - .352 Soft cheese, fresh, unripend
 - .353 " " ripend
 - 2 English
 - 3 German: Limburger
 - 4 French: Brie, Camembert, Neufchatel
 - 5 Italian: Gorgonzola
 - .354 Hard cheese
 - 2 English: Cheshire, Cheddar, Sage, Stilton
 - 3 German, Swiss, etc.: Emmental, Edam
 - 4 French: Gruyère, Gex
 - 5 Italian: Parmesan
 - 6
 - 7 Other European
 - .355 Rennet cheese from other than cow's milk
 - 1 From sheep's milk: Roquefort, Texel
 - 2 " goat's "
 - 3 " reindeer "
 - 4 " buffalo(?) "
 - .356 Sourmilk cheese from cow's milk
 - Cottage cheese, Dutch cheese, pot cheese, smear-case
 - .357 Sourmilk cheese from other than cow's milk

638 Bees, silkworms, etc.

Insects whose products are useful for food or manufactures

.1 Bees, honey, wax

.2 Silkworms

.3 Cochineal

639 Hunting, trapping, fish culture, etc.

See also 799 for sporting side

.1 Hunting, trapping, game preserves, etc.

.2 Fishing as an occupation

.3 Fish culture Pisciculture

Including turtle, terrapin, frogs

.4 Oysters and other mollusks Shelfish

Oyster, clam, mussel, snail, pearl-fishing, scallop, quohog, cockle, winkle, periwinkle

.5 Crustaceans

Lobsters, crabs, crawfish, shrimps, prawns

.6 Other sea food

Sea urchin, echinus

.7

.8 Leeches

Agriculture Index

Abaca	633.571	Alpine goat	636.3936
Aberdeen Angus cattle	636.2231	strawberry	634.753
Absorption		Alsatian poultry	636.538
by soil agriculture	631.432	Alterations butter	637.26
Abyssinian milk goat	636.3986	milk	637.16
Accidents		Amalgamated pigeons, Flor-	
milk	637.16	entine	636.59628
Acclimatization of plants	631.525	Ambari hemp	633.563
Accounts		American	
butter business	637.216	beef cattle	636.282
domestic animals	636.0816	black currants	634.7232
farm	631.16	buffalo	636.2921
Adam's fig fruit culture	634.773	chestnut	634.532
Adaptability of soil	631.44	dairy cattle	636.283
Adjustable tooth harrow	631.3131	draft horse	636.158
Adulterations		ducks	636.59781
butter	637.26	gooseberry	634.727
milk	637.16	Holderness cattle	636.2831
Aerial		poultry	636.581
layering	631.5344	sheep	636.3681
Affinity grafting	631.5411	swine	636.481
African		saddle horses	636.13
geese	636.59886	trotter	636.128
sheep	636.386	turkey	636.59211
swine	636.486	water cress	635.562
Agave fibers	633.577	Anacardiaceous fruits	634.44
Age		Analysis	
estimate dom. animals	636.08116	butter	637.227
of plants grafting	631.5412	cheese	637.327
Agrostideae grass crops	633.285	milk	637.1277
Air		soils	631.42
layering	631.5344	Anato buttermaking	637.26
soil physics	631.433	Anatolian sheep	636.385
Albanian swine	636.474	swine	636.474
Albigensian sheep	636.3467	Ancona poultry	636.554
Alderney cattle	636.2242	Andalusian fowls	636.564
Alfa fibers	633.583	Angevin sheep	636.3446
Alfalfa forage crop	633.31	swine	636.443
Algaroba fruit culture	634.462	Anglesey cattle	636.2236
Algerine sheep	636.386	Angola sheep	636.386
Alkaloidal plants	633.7	Angora goat	636.3985
Alligator pear	634.653	Andropogonae grass crops	633.282
Allspice agriculture	633.831	Angus doddie cattle	636.2231
Almond nuciculture	634.55	Animal	
See also distinguishing name		power agriculture	631.3712
Aloe fiber	633.5774	Animals	
Alpaca domestic animals	636.296	domestic	636

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Animals			Asses milk	637.172
plants injurious to	632.59		Atmosfere farm	631.433
Anise agriculture	635.75		Atwood sheep, Spanish	636.366
Antiseptics			Aubergine	635.646
agriculture	632.953		Auger, posthole agric.	631.3113
Ants pests	632.79		Augeronne swine	636.443
Antwerp pigeons	636.59635		Augsburg poultry	636.538
Aphids pests	632.75		Australian	
Apparatus			sheep	636.3684
buttermaking	637.232		Austrian	
care of milk	637.132		whites turkeys	636.5925
cheesemaking	637.332		Auvergne sheep	636.3421
protectiv agric.	632.94		Aveneae grass crops	633.286
Appenzel goat	636.3938		Aveyron sheep	636.3468
Apple			Avocado pear	634.653
culture	634.11		Ax, grubbing	631.3116
custard	634.415		pruning	631.3425
Jamaica	634.413		Aylesbury ducks	636.59721
Mammee	634.654		Ayrshire cattle	636.2251
moth	632.78		Azeel fowls	636.58811
pond	634.414		Bacteria	
rose	634.422		agriculture	632.3
star	634.433		Bacteriology	
sugar	634.412		soil	631.46
sweet Otaheite	634.442		Bags	
Appliances, packing agric.	631.364		agriculture	631.3721
transport	631.372		Bakauner swine	636.432
Apricot culture	634.21		Bakewell's Leicester sheep	636.3211
St Domingo	634.654		Bakies, Scotch	636.528
Approach, grafting by	631.54146		Bakonyer swine	636.432
Aquataca	634.653		Balance	
Aquirre sheep, Spanish	636.366		frame cultivator	631.3163
Arabian horses	636.11		Balanced plow	631.3122
sheep	636.385		Balers	631.3632
Ardennais draft horse	636.1542		Baling	631.5642
Ardennes sheep	636.3444		Ballers	631.3361
Arbor			Balm garden crop	635.73
training	631.5465		Balms field "	633.816
Army			Bamboo fibers	633.587
worm agric. pests	632.77		Bambuseae grass crops	633.289
Arna cattle	636.293		Bampton holts sheep	636.3217
Artichoke gardening	635.32		Banana	634.772
Jerusalem field crops	633.494		<i>See also distinguishing name</i>	
garden crops	635.24		Bantams	636.5871
Aseel fowls	636.58811		Barb horse	636.11
Asiatic			pigeon	636.59614
bantams	636.58714		Barbados gooseberry	634.7757
ducks	636.59785		Barbarins sheep	636.3469
poultry	636.585		Barberry	634.746
sheep	636.385		Barbézieux poultry	636.544
swine	636.485		Bark grafting	631.54136
Asparagus agriculture	635.31		Barley	633.16
Ass	636.182		Barns	631.22
			Barrels, packing in	631.5644

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Barrows, hand	631.3721	Benzoin perfume plants	633.816
Barter animal husbandry	636.08113	Berber sheep	636.386
Basil	635.73	Bergmasker sheep	636.35
Basket fibers	633.58	Bergamot perfume plants	633.813
Basket work agriculture	633.158	lime fruits	634.342
Baskets		Bergschlag swine	636.432
transportation agric.	631.3644	Berkshire Knot sheep	636.3232
local carrying "	631.3721	swine, black	636.4261
packing in "	631.5644	red	636.4263
Basque		Bermuda grass forage crops	633.261
sheep	636.3461	Bernese cattle	636.2373
Batata	635.22	Berrichonne sheep	636.3441
Bavarian swine	636.431	Berseem forage crops	633.32
sheep	636.3333	Bhains cattle	636.293
Bayonet		Bildings	
hoe	631.3151	buttermaking	637.231
Bean		dairy	637.131
family fruit culture	634.46	farm	631.2
harvesters	631.3563	Bill hook	631.3424
Beans field crops	633.3	Binders	631.3541
garden "	635.65	Bischarin sheep	636.386
gathering	631.5563	Bison cattle	636.292
Béarnaise sheep	636.3462	Black cap raspberries	634.713
swine	636.445	Cayuga duck	636.59782
Bedouin sheep	636.385	currant	634.723
Beef		See also distinguishing name	
cattle Belgian	636.242	draft horse	636.1523
Dutch	636.232	duck, big	636.59782
English	636.222	huckleberry	634.732
French	636.242	medic	633.31
German	636.232	Norfolk turkey	636.5927
Swiss	636.232	salsify	635.166
Bees		Spanish fowls	636.563
agriculture	638.1	swine, English	636.421
pests	632.79	turkey	636.5927
Beet lifters	631.3584	walnut	634.512
Beetles		Welsh cattle	636.2236
agricultural pests	632.76	Blackberry	634.716
Beets		Blackfaced sheep	636.3252
garden crops	635.11	Blad apple	634.7757
field crops	633.41	Blemishes domestic animals	636.08115
See also distinguishing name		Blue	
Beggar weed	633.365	Andalusian fowls	636.564
Belgian		grass	633.21
cattle	636.24	gray cattle	636.2232
draft horse	636.1548	Swedish duck	636.59723
poultry	636.548	tangleberry	634.731
Bell		vegetable dyes	633.862
glasses forcing	631.5441	Blueberry	634.73
protection	631.3441	See also distinguishing name	
Belted cattle	636.2354	Bohemian fowls	636.537
Benches		Bokhara sheep	636.385
cutting agriculture	631.335	Bookkeeping	
Bent grass	633.23	agriculture	631.16

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Bookkeeping		Broadcast sowers	631.3311
buttermaking	637.216	Broadtailed sheep	636.386
cheesemaking	637.316	African	636.385
dairies	637.116	Asiatic	636.373
stockfarming	636.0816	Europ.	636.35
Borecole	635.346	Ital.	635.356
Borer, posthole	631.3113	Broccoli	633.575
Borers agric. pests	632.76	Bromelia fibers	636.168
Borlen apparatus	637.3321	Bronco	636.5922
Bottles, milk	637.135	Bronze turkey	636.508337
Bottom		Brooders	633.175
shelbark hickory	634.523	Broom corn	633.59
Boulonnais draft horse	636.1543	Broom root	636.2371
Bourbon turkey	636.5928	Brown Swiss cattle	632.78
Bourbourg fowls	636.544	Browntail moth	636.548
Bourg fowls	636.544	Bruges fowls	636.59633
Bowstring hemp agric.	633.574	Brunswick pigeons	633.59
Boxes		Brush fibers	635.36
carrying agric.	631.3721	Brussels sprouts	636.2231
packing "	631.5644	Buchan humblies cattle	631.3117
plant "	631.346	Buck sithe	636.5815
transportation agric.	631.3634	Buckeye fowls	636.5813
Brabant fowls	636.548	Bucks co. fowls	633.12
Brackel fowls	636.548	Buckwheat	631.5415
Brahma fowls	636.5852	Bud grafting	631.5415
Brahmaputra fowls	636.5852	Budding	631.341
Brahmin sacred cattle	636.291	knife	631.54222
Bramble fruits	634.71	Buds, nipping off pruning	636.5924
Branch cuttings	631.5354	Buff turkey	636.293
Brands		Buffalo, water cattle	636.2921
domestic animals	636.0812	American "	634.742
Brazil tea	633.77	berry	634.724
Bread fruit	634.39	currant	637.3554
Breaker, middle	631.3126	milk cheese	
clod	631.3143	Buildings, <i>see</i> Buildings	
Breaking plow	631.3125	Bulb scale cuttings	631.5357
Breda fowls, Belgian	636.548	Bulbels	631.5321
Breeding domestic animals	636.0824	Bulblet	631.5321
plant	631.522	Bulbs	631.5321
Breeds domestic animals	636.08211	Bulbules	631.5321
Bressane swine	636.447	Bull	
Bresse fowls	636.544	tung plow	631.3127
Bretagne, <i>see</i> Breton		Bullock's hart	634.415
Breton cattle	636.2441	Bunchers crop packing	631.3643
draft horse	636.1544	Bundener swine Swiss	636.449
sheep	636.3448	Bundlers	631.3641
swine	636.443	Bur clover forage	633.31
Bridges agriculture	631.28	Buriat fat rump sheep	636.385
Brie cheese	637.3534	Burro	636.182
Bristle tails pests, agric.	632.71	Bush	
British merinos	636.3672	fruits	634.7
Brittany, <i>see</i> Breton		harrow	631.3131
Broad bean	635.651	squash	635.621
		Butjading sheep	636.3314

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Butter	
dairy	637.2
Butterflies agric. pests	632.78
Butterine	637.282
Buttermaking	637.233
Buttermilk dairy	637.247
Cabbage	635.34
Cacao	633.74
Cactaceous fruits	634.775
Caddis flies pests	632.74
Calf-tung plow	631.3127
California black currants	634.7233
Calking fibers	633.59
Camel domestic animals	636.295
Camembert cheese	637.3534
Campenes poultry	636.548
Canada	
crookneck squash	635.622
Canadian blueberry	634.735
goose	636.59881
Canaigre	633.871
Canals	
drainage	631.62
irrigation	631.72
Cane fruits	634.71
harvesters	631.3566
sugar	633.61
Cans, milk	637.135
Cantaloup	635.611
Cape swine	636.486
Capers	633.845
Capillary	
moisture	631.432
Carabao	636.293
Caraunda	634.744
Cardoon	635.327
Care of	
milk	637.13
Carinthian sheep	636.3336
Carob	634.462
Carpathian swine	636.432
Carraway	635.75
Carriage	
horse	636.14
houses agriculture	631.24
Carriers	
hay	631.3535
Carrot field crops	633.43
garden "	635.13
Cars	
milk	637.135
Cart horse	636.15
Carts, hand farm transport	631.3724
Casein in milk agric.	637.1273

Cashew family fruit	634.44
nuciculture	634.573
Cashmere goat	636.39854
Castilian fowls	636.561
Castle Martin cattle	636.2236
Castrated female agric.	636.08235
male "	636.08234
Cat domestic animals	636.8
Catalogs	
of brands stockfarming	636.08128
" sales "	636.08188
stock farm	636.08187
Catchcrop culture	631.584
Caterpillars pests	632.78
Cattalo cattle	636.2922
Cattle	636.2
Cauliflower	635.35
Caumont fowls	636.546
Cause sheep	636.3468
Caux fowls	636.543
Cavalry	
horses	636.13
Cayenne cherry	634.423
pepper	633.842
Cayuga ducks	636.59782
Cedar perfume woods	633.814
Celeriac	635.128
Celery	635.53
Celtic swine	636.441
Centrifugal separators	637.23214
Cereals	
grain agric.	633.1
grasses "	633.25
Ceriman	634.7762
Cevennes sheep	636.3468
Chair harrow	631.3132
Champagne swine	636.441
Channel island cattle	636.2241
Character of herd agric.	636.0821
Chard	635.42
Chardoon	635.327
Charger horse	636.13
Charmoise sheep	636.3449
Checkrowers	631.3324
Cheddar cheese	637.3542
Cheese dairy	637.3
Chemistry	
of soil	631.41
Cherimoya	634.413
Cherry	634.23
Cheshire cheese	637.3542
Chestnut	634.53
Cheviot sheep	636.3251
Leicester sheep	636.3213

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Chick pea	635.667	Clod breakers	631.3143
Chicory field crop	633.78	crushers	631.3143
garden crop	635.137	Clouds	
salads	635.54	artificial agriculture	632.114
Chili	633.843	Clover heders	631.3543
Chilling dairy	637.1331	Clovers	633.32
Chillingham cattle	636.221	Cloves spice plants	633.832
China		Clun Forest sheep	636.3243
grass fibers	633.55	Clydesdale horse	636.1521
jute "	633.561	Coach horse	636.14
Chinch bug pests	632.75	Cobnut	634.54
Chinese		Cobs horse	636.13
geese	636.59885	Cochil sapota	634.343
layering	631.5344	Cochin China fowls	636.5851
melon	635.618	Cochineal agriculture	638.3
sheep	636.385	Cockles culture	639.4
swine	636.485	Coco palm	634.61
watermelon	635.618	Cocoa	633.74
Chinkapin	634.537	Coconut	634.61
Chisel, pruning	631.3423	fiber	633.581
weeding	631.3155	Coffee	633.73
Chittagong fowls	636.5852	Coir	633.581
Chive	635.265	Cola	633.76
Chlorideae forage crops	633.287	Cold frames forcing	631.5442
Chocolate agriculture	633.74	protection	631.3442
Choke cherry	634.24	Coleoptera pests	632.76
Christ's thorn	634.744	Coleshill swine	636.4223
Churning	637.2332	Collards	635.347
Churns	637.2322	Colorado river hemp	633.566
Churra sheep	636.366	Colored	
Chute wagons farm transport	631.3725	swine, medium	636.426
Cibol	635.264	Combined harvester &	
Cicada pests	632.75	thresher	631.3542
Cinnamon spice plants	633.833	Common bantams	636.58711
Circassian sheep	636.385	currant	634.722
Circumposition layering	631.5344	Communication farm eco-	
Citrin perfume plants	633.813	nomics	631.11
Citron	634.331	Composition	
group fruits	634.33	butter	637.22
melon	635.615	cheese	637.32
Citrous fruits agric.	634.3	milk	637.127
Cive agriculture	635.265	soil	631.411
Clams culture	639.4	Comtoise sheep	636.3443
Clary agriculture	635.73	Condens milk	637.142
Classification		Condiments field crops	633.84
of soils	631.44	garden "	635.7
Cleaning farm operations	631.562	Conestoga draft horse	636.158
tools for agric.	631.362	Conkanee hemp	633.562
Cleft grafting	631.54131	Conservation of	
Clementine sheep	636.373	moisture agric.	631.7
Cleveland bay horse	636.1421	Constituents cheese	637.322
Climate		butter	637.222
farm economics	631.11	Consumption	
Clipping pruning	631.54223	cheese	637.34

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Consumption	
butter	637.24
milk	637.14
Conveyers, tree	631.3366
Cooking banana	634.773
Cordage fibers	633.5
Cordon training	631.5466
Cords plant support	631.3451
" training	631.5461
Coriander	635.75
Corn	
cereals	633.15
harvesters	631.355
harvesting	631.555
salad	635.57
vegetables	635.67
Cornish Indian fowls	636.58814
Cornwall sheep	636.3266
Corsican pony	636.165
Cost	
of animals zootechny	636.08112
farm	631.112
Costmary	635.74
Cotentin cattle	636.2462
sheep	636.3447
Cotswold sheep	636.3211
Cottage cheese	637.356
Cotton	633.51
picking	631.5565
Coucou poultry	636.547
de Malines poultry	636.548
Courtes-pattes poultry	636.544
Coussade poultry	636.544
Covering	
protection against frost	632.113
Cowpeas	633.33
Cows, choice of dairy	637.121
Crab apple	634.12
Crabs fishery	639.5
Cradle agriculture	631.3513
sithe agriculture	631.3513
Cranberry small fruits	634.76
bush "	634.745
Craonnaise swine	636.443
Crawfish fishery	639.5
Cream dairy	637.148
Creameries dairy	637.231
Creamometer	637.1276
Cress	635.561
Crested turkey	636.59214
Crèvecoeur fowls	636.541
Croatian swine	636.473
Crookneck squash	635.621
Crop farming	631.141

Crop rotation	631.582
Crops agriculture	633
tools for cleaning	631.362
Crossbreeding domestic ani-	
mals	636.08243
Crossing plant breeding	631.523
Crowbar	631.3116
Crown	
grafting	631.54142
Crushers agriculture	631.3143
Crustaceans fishery	639.5
Cuba bast fibers	633.59
Cucumbers	635.63
Cultivating tillage	631.516
Cultivation	
land geog. distribution	631.09
Cultivators farm mach.	631.316
Cumberland	
sheep	636.3253
swine	636.4243
Cunningham cattle	636.2253
Curd mills cheesemaking	637.3322
Curdling cheesemaking	637.3331
Curly bristled swine	636.471
Currants	634.721
Custard apple	634.415
Cutter, stalk	631.3166
Cutters, ensilage	631.363
weed	631.3155
Cutting benches	631.335
Cuttings	631.535
Cutworms agric. pests	632.78
Cyphomandra	634.7761
D hoe	631.3152
Dairy	
buildings	637.131
cattle dairying	637.121
" Belgian	636.245
" Dutch	636.235
" English	636.224
" French	636.244
" German	636.23
" Irish	636.225
" Scotch	636.225
farms	637.113
Damage by cold agriculture	632.11
Dandelion	635.46
Dangleberry	634.731
Danish	
cattle	636.2356
iland swine	636.434
merinos	636.3678

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Dartmoor pony	636.1625	Double moldboard plow	631.3126
sheep	636.3262	plow	631.3122
Deccan hemp fibers	633.563	Doublebreasted plow	631.3126
Deep		Down sheep	636.323
soil culture	631.586	Cotswold, sheep	636.3234
Deformd poultry	636.5882	Draft horse	636.15
Delaine sheep	636.3682	Drag, plank	631.3146
Demisang horse	636.144	Dragon flies pests	632.73
Derbyshire sheep	636.3261	Dragoons pigeons	636.59631
Deserts reclamation	631.617	Drags farm implements	631.3611
Destruction, elemental		" transport	631.3723
farming	632.1	Drain spade	631.3111
Dewberry	634.717	Drainage	
Devon		agriculture	631.6
cattle	636.226	Drains reclamation	631.62
longwool sheep	636.3217	Draw hoe	631.3151
Dexter shorthorn cattle	636.2256	Drays farm transport	631.3725
Dibber farm tools	631.3112	Drill plow	631.3124
Dibble "	631.3112	Drilling seedage	631.5312
Digging tillage	631.511	Drills seeding machines	631.3315
plow	631.3126	Dromedary domes. animals	636.295
tools	631.311	Drought agriculture	632.12
Dikes	631.64	Drupaceous fruits	634.2
Dill	635.74	Dry	
Dinka sheep	636.386	farming	631.586
Diptera pests	632.77	Ducks poultry	636.597
Diseases		Dumba sheep	636.385
bacterial agric.	632.3	Dumbartonshire fowls	636.528
of butter dairy	637.26	Dumpies, Scotch poultry	636.528
" milk "	637.16	Dumping wagons agric.	631.3725
Dishcloth gourd	635.627	Dungfork digging tools	631.3114
Dishley cattle	636.2288	Dunlop cattle	636.2252
sheep	636.3212	Durham cattle	636.2222
Disk		Duroc Jersey swine	636.483
cultivator	631.3165	Durra cereals	633.178
harrow	631.3136	Dusseltal swine	636.431
plow	631.3128	Dusting	
" rollers	631.3142	protection ag'st pests	632.94
Distributors, fertilizer	631.333	Dutch	
Ditching spade	631.3111	cattle	636.235
Dithmarsch sheep	636.3314	cheese, hard	637.3543
Dock	635.45	soft	637.356
Dog		hoe	631.3152
domestic animals	636.7	poultry	636.53
Dolichos	635.654	sheep	636.331
Domestic		swine	636.434
animals agriculture	636	Dwarf blueberry	634.734
Dominican fowls	636.5811	Dwellings	
Donkey domestic animals	636.182	farm	631.21
Dorking fowls	636.521	Dyes agriculture	633.86
Dorset down sheep	636.3233	Earthquakes agric.	632.19
horn sheep, short-wool	636.3233	Earwigs pests	632.72
horn sheep	636.3241	East	
		Anglian cattle	636.2267

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

East		English	
Friesian cattle	636.2343	pony	636.162
poultry	636.538	poultry	636.52
Friesland horse	636.143	sheep	636.32
Prussian horse	636.143	swine	636.42
Ebenaceous fruits	634.45	thorobred horse	636.122
Ebony family fruit culture	634.45	walnut	634.511
Echinus fishery	639.6	Ensilage	
Economics		cutters	631.363
butter business	637.21	Escorial sheep	636.361
cheese business	637.31	Espalier training	631.5463
farm	631.1	Espaliers	631.3453
milk business	637.11	Esparto grass fibers	633.583
Edam cheese	637.3543	Essex swine	636.4211
Edible		Estaires poultry	636.547
bulbs garden crops	635.2	Estramadura sheep	636.361
flowers "	635.3	European bison	636.2923
fruits "	635.6	black currant	634.7231
leaves "	635.3	chestnut	634.531
roots "	635.1	gooseberry	634.726
seeds "	635.6	raspberries	634.712
stems	635.3	Ewes dairy	637.173
tubers	635.2	Exhaustion of soil	631.45
Eggplant	635.646	Exmoor pony	636.1624
Egs, laying of zootechny	636.08246	sheep	636.3263
Egyptian corn	633.178	Expenses	
goat	636.39862	butter business	637.217
goose	636.59887	cheese business	637.317
sheep	636.386	dairy	637.117
Eiderstedt sheep	636.3314	farm	631.17
Elbingen sheep	636.3317	zootechny	636.0817
Electric		Experiments, soil agric.	631.42
plow	631.3123	Extractor, stump	631.3117
Electricity		Factories	
farm power	631.3717	butter	637.231
Electro		cheese	637.331
culture crops	631.5881	Fall squash	635.622
Elemental destruction agric.	632.1	Fallowing tillage	631.581
Embankments reclamation	631.64	Fancy pigeons	636.5961
Emden goose	636.5983	Fanning machines	631.3622
Emmental cheese	637.3543	Fans, winnowing	631.3621
Endive	635.55	Fantails pigeons	636.59621
Enemies of pests, nat. protec.	632.96	Farina milk products	637.144
English		Farm	631
Cambridge turkey	636.5922	houses agriculture	631.21
carrier pigeon	636.59612	laying out	631.12
cattle	636.22	purchase	631.112
cheese, hard	637.3542	selection	631.11
soft	637.3532	Farmer as owner	631.1151
coach horse	636.142	renter	631.113
draft horse	636.152	Farms	
ducks	636.5972	kind	631.14
game poultry	636.58812	Farmsted	631
goat	636.392	Faroe island sheep	636.372

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Fat		Flax	agriculture	633.52
milk composition	637.1271	harvesting		631.5565
Fattaild sheep		harvesters		631.3565
African	636.386	Fleas pests		632.77
Asiatic	636.385	Flemish sheep		636.3317
Italian	636.35	cattle		636.2451
Southeast Eur.	636.373	draft horse		636.1548
Faverolles poultry	636.545	Flies pests, agric.		632.77
Females zootechny	636.08232	Flock		
Fences agriculture	631.27	books	zootechny	636.0822
Fennel	635.73	character of	"	636.0821
Fermented		composition of	"	636.0823
milk	637.146	Floods agric. hindrances		632.17
Ferments		Floral perfume plants		633.811
soil	631.46	Florentine pigeons		636.59628
Fertility soil	631.45	Flowering plant growth		631.5474
Fertilizer distributors	631.333	currant		634.724
Fesant poultry	636.594	Flute grafting		631.5415
Fescues forage crops	633.264	Food		
Festuceae crops	633.288	cost	zootechny	636.08171
Featherfooted fowls	636.572	of animals	"	636.085
Fetticus salad plants	635.57	dairy cows	"	637.122
Fezzan sheep	636.386	Forage crops	grasses	633.2
Fiber crops gathering	631.5565	legumes		633.3
Fibers		Forceps weeding		631.3154
agriculture	633.5	Forcing		
Field		plant culture		631.544
crops	633	houses plant protection		631.3445
hoe	631.3151	Forest cattle		636.221
Figs agriculture	634.37	Forestry		634.9
Filbert	634.54	Forests reclamation		631.614
Filling		Forking tillage		631.511
fibers for agriculture	633.59	Forks, digging		631.3114
Finances butter business	637.216	hay		631.3535
cheese	637.316	weeding		631.3154
dairy	637.116	Franconian sheep		636.3333
farm	631.16	swine		636.431
zootechny	636.0816	Frankenschaf		636.3333
Finger		Freezing		
weeder	631.3154	agricultural hindrances		632.11
Fires		French		
agric. hindrances	632.18	Canadian cattle		636.2832
protectiv agriculture	632.115	cattle		636.24
Fish		cheese, hard		637.3544
culture	639.3	soft		637.3534
farms	631.146	coach horse		636.144
Fishing business	639.2	cuckoo		636.547
Fixt		draft horse		636.154
tooth harrow	631.3131	ducks		636.5974
Flails	631.3611	goats		636.394
Flamande cattle	636.2451	goose		636.5984
Flanders dray horse	636.1548	merinos		636.3674
Flat headed borers pests	632.76	Perigord swine		636.445
Flavoring plants	633.82	poultry		636.54

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

French			
spinach	635.43	Gassenay goat	636.3939
sheep	636.34	Gatherers, hay	631.3532
swine	636.44	stone	631.3117
turnip	635.127	Gaur domestic animals	636.2972
Friesian cattle, Dutch	636.2351	Gayal " "	636.2972
East	636.2343	Geese poultry	636.598
Holstein	636.2342	Gelding zootechny	636.08234
sheep	636.3314	Generation	
Frillbacks pigeons	636.59624	zootechny	636.08245
Fritzles poultry	636.5884	Genet domestic animals	636.183
Frogs fishery	639.3	Geranium perfume plants	633.812
Frost blight agriculture	632.11	German	
Fruit culture	634	cattle	636.23
farms	631.143	cheese, hard	637.3543
gatherers	631.3581	soft	637.3533
gathering	631.5561	coach horse	636.143
walls agriculture	631.3454	goose	636.5983
Fruitage plant culture	631.5475	merinos	636.3673
Fruits	634	poultry	636.53
Fumes		sheep	636.33
agricultural hindrances	632.19	swine	636.43
Fumigation agriculture	632.94	Gessenay goat	636.3939
Fungi pests	632.4	Gex cheese	637.3544
Fungicides agriculture	632.952	Gherkins garden crops	635.63
Furrow sowers	631.3315	Gillikin poultry	636.5882
Galactin milk composition	637.1272	Ginep	634.652
Galactometer dairy	637.1276	Ginger	633.825
Galegae legume crops	633.375	Ginkgo	634.572
Gall		Gipsy moth	632.78
flies pests	632.79	Glacier goat	636.3936
Galloway cattle	636.2232	Glanschwein	636.431
pony	636.1622	Glane swine	636.431
Galls pests	632.2	Glycosmis	634.341
Game bantams	636.58712	Gnats pests	632.77
fowls	636.5881	Goats	
preservs	639.1	dairy	637.174
Gang plow	631.3122	domestic animals	636.39
Garden bean	635.652	Goatsmilk cheese	637.3552
cress	635.563	Golden	
currants	634.722	currant	634.724
hoe	631.3151	Goose, <i>see</i> Geese	
rakes	631.3156	Gooseberry	
spade, longhanded	631.3111	bush fruits	634.725
strawberry	634.751	Otaheite palm. fruits	634.666
tools, hand	631.315	Gopher cultivator	631.3164
Garlic	635.262	Gorgonzola cheese	637.3535
Garnishes	635.78	Goumi	634.743
Gas engins agriculture	631.3716	Gourd, rag	635.627
Gascon sheep	636.3464	wax	635.618
swine	636.445	Gournay fowls	636.546
Gases . agric. hindrances	632.19	Grades butter	637.223
soil physics	631.433	cheese	637.323
Gasoline plow	631.3123	Grafting	
		plant materials	631.341

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Grafting			Half	
methods	631.541		sugar mangel	633.416
Grafts protection	631.5417		Halfa fibers	633.583
Grains agriculture	633.1		Halfbred Leicester sheep	636.3213
Granada goat	636.396		Halle swine	636.431
Granaries	631.23		Hamburg fowls	636.531
Grape, shore	634.664		Hampshire down sheep	636.3232
Grapefruit	634.323		Hammers cattle	636.2262
Grapes	634.8		Hand	
Grass flies pests	632.75		barrows	631.3721
hook	631.3511		carts	631.3724
knife	631.3511		cultivators	631.3161
Grasses	633.2		rollers	631.3141
Grasshoppers pests	632.72		plow	631.3121
Gray African goose	636.59886		Hanoverian horse	636.143
Chittagong fowls	636.5852		merinos	636.36732
Toulouse goose	636.5984		sheep	636.3335
wild goose	636.59881		swine	636.434
Green fodder, storing	631.563		Hard cheese	637.354
vegetable dyes	633.864		fibers	633.57
Greenhouses plant forcing	631.5444		Hardwick sheep	636.3253
protection	631.3444		Harness	
Greens kitchen garden	635.4		farm transport	631.373
Grisson swine	636.449		horse	636.14
Gritstone sheep	636.3261		Haricots	635.652
Groselles	634.72		Harrowing	631.513
Ground			Harrows	631.313
water agriculture	631.432		Harvesters	
Grubber	631.3162		corn	631.355
Grubbing ax	631.3116		grain	631.3542
hoe	631.3116		Harvesting	
Grubs pests	632.76		machines	631.35
Gruyere cheese	637.3544		operations	631.55
Guadaloupe sheep	636.362		Harz mountain goat	636.393
Guava	634.421		Hasp cultivators	631.3162
Guelderland fowls	636.548		Hat fibers	633.584
Guelders poultry	636.548		Hatchet, pruning	631.3425
Guernsey cattle	636.2244		Hatching	
Guggisberger goat	636.3936		zootechny	636.08247
Guinea fowls	636.593		Hautbois strawberry	634.752
goat	636.3986		Hay gatherers	631.3532
goose	636.59886		making	631.553
sheep	636.386		rakes	631.3532
squash	635.646		spreders	631.3531
swine	636.486		stackers	631.3534
Gum collectors	631.3588		Hayracks	631.3725
Gumbo	635.648		Hazelnut	634.54
Gums			Headers	631.3543
gathering agric.	631.5588		Heading pruning	631.54213
perfume plants "	633.816		Heat	
Hackney coach horse	636.1423		agriculture	632.12
Hail agriculture	632.14		zootechny	636.082451
			Heath sheep	636.333

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Heating			Honduras	
apparatus dairy	637.1322		turkey	636.59213
cheesemaking	637.3334		Honey agriculture	638.1
milk preservation	637.1332		Hooks, bill	631.3424
Hebrides sheep	636.3258		grass	631.3511
Hedge trimmer	631.3421		pruning	631.3422
Hedges agriculture	631.27		reaping	631.3511
Hedysareae legume crops	633.376		weed	631.3155
Heel scrape	631.3164		Hordeae grass crops	633.289
Heidschnucken	636.333		Hornd dorset sheep	636.3233
Hemp	633.53		Norfolk sheep	636.3235
<i>See also distinguishing name</i>			Hornless Spanish goat	636.396
Hemp gathering	631.5565		Horse	
harvesters	631.3565		cultivators	631.3162
Hen pigeons	636.59628		domestic animals	636.1
Henequen agave fibers	633.5771		hoe	631.3162
Herbal perfume plants	633.812		rollers	631.3141
Herbaceous grafting	631.54137		trade zootechny	636.08113
Herblike fruits	634.77		Horseman pigeons	636.59631
Herbs, condimental	635.7		Horseradish	633.846
sweet	635.7		Hotblooded horses	636.12
Herd			Hotbeds	
books zootechny	636.0822		forcing	631.5443
composition "	636.0823		protection	631.3443
character "	636.0821		Houdan fowls	636.542
Heredity zootechny	636.08211		Houses	
Hereford			farm	631.21
sheep	636.3242		Hovenia	634.661
cattle	636.2226		Hubbard squash	635.622
Hessian sheep	636.3332		Huckleberry	634.73
fly pests	632.77		Human	
Hickory nut	634.52		power agriculture	631.3711
High			Humidity	
cranberry	634.745		soil	631.432
huckleberry	634.737		Hungarian fowls	636.538
Highland blackfaced sheep	636.3252		goat	636.393
Hilside plow	631.3124		merinos	636.36737
Hillsides reclamation	631.613		sheep	637.373
Hill sowing	631.5313		swine, curly bstld.	636.472
Hinny domestic animals	636.183		shorteared	636.432
Hinterwald goat	636.393		Hunters horses	636.13
History			Husk tomato	635.647
of soil	631.49		Huskers	631.3613
Hoe, grubbing	631.3116		Husking, corn	631.5613
horse	631.3162		Huttegen fowls, Belgian	636.548
hand	631.3151		Hybrid turnip	633.425
Hoeing tillage	631.515		Hybrids	
Holderness cattle	636.2831		plant breeding	631.523
Holland swine	636.434		zootechny	636.082431
Holstein			Hygrosopic moisture agric.	631.432
cattle	636.2341		Hymenoptera pests	632.79
Friesian cattle	636.2342		Iceland	
horse	636.143		sheep	636.372
Homers pigeons	636.59635		Ichneumonidae pests	632.79

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Imperfections zootechny	636.08115	Jamrosade	634.422
Impregnation zootechny	636.082454	Japan	
Impurities		chestnut	634.533
butter	637.26	clover	633.364
milk	637.16	persimmon	634.451
Inarching	631.5416	plum	634.16
Inbreeding zootechny	636.08241	walnut	634.513
Increase plant culture	631.5472	Japanese	
Incubation zootechny	636.08247	bantams	636.58715
Incubators		poultry	636.5857
" "	636.082474	wineberry	634.715
Indian		Jasmine perfume plants	633.811
cress	635.566	Jaumave istle	633.5772
fig	634.7754	Java	
game poultry	636.58814	fowls	636.5814
goose	636.59886	Jennet	
hemp	633.567	Jersey blue fowls	636.5812
runner duck	636.59722	cattle	636.2243
pony	636.168	swine	636.483
Indoor grafting	631.5418	Jerusalem	
Infantado sheep	636.364	artichoke field crops	633.494
Injurious		garden "	635.24
animals	632.6	corn cereals	633.178
plants agriculture	632.5	Jesuit's tea	633.77
Inoculation		Jew plum	634.442
budding	631.5415	Jipijapa plant fibers	633.584
Inorganic		Jujube	634.662
chemistry of soil	631.416	Jumpers poultry	636.528
Insecticides agriculture	632.951	Juneberry	634.741
Insects		Jute fibers	633.54
injurious	632.7	Jutland cattle	636.2357
productiv agriculture	638	swine	636.434
Insurance		Kabardian sheep	636.385
animal	636.08175	Kafir agriculture	633.177
farm	631.175	Kale	635.346
Intensiv farming	631.583	Kaki	634.451
Inundations agriculture	632.17	Kalmuck sheep	636.385
Irish		Karbo domestic animals	636.293
cattle, beef	636.2232	Karananian sheep	636.385
dairy	636.2256	Karoub fruit culture	634.462
goat	636.392	Kashmir goat	636.39854
sheep	636.3243	Kent poultry	636.523
Irrigation		sheep	636.3215
agriculture	631.7	Kentucky	
Istle fibers	633.5772	horse	636.13
Italian		red turkey	636.5928
cheese, hard	637.3545	Kerry cattle	636.2256
soft	637.3535	sheep	636.3244
poultry	636.55	Kidglove orange	634.322
sheep	636.35	Kidney bean	635.652
swine	636.45	vetch	633.362
Ixtle fibers	633.5772	Kinghir sheep	636.385
Jackass	636.182		
Jacobins pigeons	636.59625		
Jamaica apple	634.413		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Knife, grass	631.3511	Layering	
grafting	631.341	pots	631.335
pruning	631.3422	Laying of eggs	zootechny 636.08246
Knifetooth harrow	631.3134	Laying out of	
Kohlrabi	635.348	farm	631.12
Kola	633.76	Leaf chervil	635.78
Kolmogorian cattle	636.271	cuttings	631.5357
Kongo		hoppers	pests 632.75
sheep	636.386	insects	" 632.72
Kumis dairy products	637.146	Leechee	634.571
Kumquat	634.324	Leeches culture	639.8
Kyloe cattle	636.2233	Leek	635.261
Lacaune sheep	636.3468	Leghorn fowls	636.551
Lacewing flies	pests 632.74	Legumes	field crops 633.3
Lactin milk composition	637.1272	garden crops	635.6
Lactobutyrometer	637.1275	harvesting	631.5563
Lactocrite	637.1275	Leguminous fruits	634.46
Lactodensimeter	637.1276	Leicester sheep	636.3212
Lactometer dairy	637.1276	border sheep	636.3213
Lactoscope	" 637.1276	Le Mans fowls	636.543
Lactose milk composition	637.1272	Lemon vine	634.7757
La Flèche fowls	636.543	Lemons	634.334
Lahune sheep	636.3469	Lempster sheep	636.3242
Lake duck	636.59782	Lentils	635.668
Lakenfeld cattle	636.2354	Leonese sheep	636.366
Lakenvelder fowls	636.532	Lepidoptera	pests 632.78
cattle	636.2354	Lettuce	635.52
Lambs lettuce	635.57	Levant sheep	636.385
Lammermuir sheep	636.3252	Libyan	" 636.386
Lancashire sheep	636.3254	Lice, biting	pests 632.75
swine	636.4242	Lightning agriculture	632.15
Land		Lima bean	635.653
farm economics	631.1	Limburger cheese	637.3533
markers	631.3314	Limeberry	634.342
settlement guides	631.11	Limes	fruit culture 634.337
soil	631.4	Limestone sheep	636.3256
under water	drainage 631.616	Limousin	" 636.3425
Landaise sheep	636.3463	swine	636.445
Langensalza goat	636.393	Lincolnshire buffs	poultry 636.526
Langshan fowls	636.5853	cattle	636.2224
Languedoc swine	636.447	sheep	636.3214
Lank sheep	636.3254	swine	636.4245
Large		Line breeding	zootechny 636.08241
eard swine, French	636.441	Linton sheep	636.3252
German	636.434	Liquid	
Polish	" 636.433	fertilizer distributors	631.3334
Suffolk	" 636.4246	Litchi	634.771
Larzac sheep	636.3468	Little	
Lauragaise sheep	636.3465	shelbark hickory	634.522
Lawn mowers	631.3527	Llama	636.296
Lavender	perfume plants 633.812	Loaders, hay	631.3533
Layering	plant culture 631.534	Lobsters	fishery 639.5

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Location			Mancelle swine	636.443
of farm	631.11		Mangalicza swine	636.472
Locusts pests	632.72		Mandarin duck	636.59785
Loire basin sheep	636.344		orange	634.322
Loire-et-Cher sheep	636.3449		Mangel, half sugar	633.416
Longeard swine	636.433		wurzel	633.417
Long			Mango	634.441
hornd cattle	American	636.2821	Manila hemp	633.571
English		636.2288	maguey	633.5773
running squash		635.622	Mantes fowls	636.547
tailed sheep		636.35	Manure	
wool "		636.321	spreaders	631.3336
Lonk sheep		636.3254	Maple sugar plants	633.64
Loquat fruit culture		634.16	Marche sheep	636.3423
Lot sheep		636.3466	Mare's milk dairy	637.171
Loteae legume crops		633.374	Marigold	635.73
Louhans poultry		636.544	Marjoram	635.71
Low			Marketing products agric.	631.18
blueberry, dwarf		634.734	Marks	
" pale		634.736	ownership zootechny	636.0812
country sheep		636.331	Marmalade plum	634.432
Lowland German swine		636.431	Marsh sheep	636.331
Luffa		635.627	swine	636.434
Lumber			Marshes	
wagons farm transport	631.3725		drainage reclamation	631.615
Lupine forage	633.367		Marthold sheep	636.3469
Luzern swine	636.431		Maté	633.77
Macedonian sheep	636.373		Materials	
Machine			protectiv agric. pests	632.95
sheds	631.25		Mattock	631.3116
Machinery			Maturity plant growth	631.5473
irrigating	631.78		Mauritius hemp	633.573
transmission agric.	631.37		Maydeae grass crops	633.281
Machines			Mealy bug pests	632.75
digging	631.3115		Mecca sheep	636.385
Madras hemp	633.562		Mechanical	
Maguey fiber	633.5775		threshers	631.3612
Magyar poultry	636.538		Mecklenburg	
Maintenance			horse	636.143
soil	631.45		sheep	636.3332
Maize cereals	633.15		swine	636.434
Majagua	633.564		Medic, black forage crop	633.31
Malaga			Medicinal	
goat	636.396		plants agriculture	633.88
Malay			Mediterranean	
game poultry	636.58815		poultry	636.55
poultry	636.5854		Medium woolled sheep	636.323
Male stockbreeding	636.08231		Medlar	634.15
Malines, coucou de	636.548		Meissner swine	636.433
Maltese goat	636.395		Melon papaw	634.651
swine	636.45		Melons	635.61
Mammee apple	634.654		Merino sheep	636.36
Mamon	634.414		Metal	
Manager, farm	631.1152		rollers agriculture	631.3141

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Métayage	631.114	Mountain	
Methods		sheep, English	636.325
drainage agriculture	631.62	German	636.333
protectiv "	632.94	Italian	636.35
Métissage zootechny	636.082432	Mowers	631.352
Mexican		Mowing	631.552
wild turkey	636.59212	Mulberry	634.38
Mhains domestic animals	636.293	family	634.36
Microbes soil bacteriology	631.46	Mulching	631.79
Middle		Mule	636.183
breaker	631.3126	Multiple	
burster	631.3126	furrow plow	631.3122
Suffolk swine	636.4272	layering	631.5342
Yorkshire swine	636.4271	Multiplication of plants	631.53
wooled sheep	636.323	Munster sheep	636.3335
Midges pests	632.77	Musaceous fruits	634.771
Midshipman's butter fruit	634.653	Muscovy duck	636.59783
Milk		Musk "	636.59783
cooler	637.1321	Muskmelon	635.611
pans	637.1327	Mussels fishery	639.4
sugar cheesemaking	637.345	Mustang pony	636.168
milk composition	637.1272	Mustard field crops	633.844
Millery sheep	636.3469	garden "	635.44
Milkers, mechanical	637.125	Mutton sheep	636.323
Milking	637.124	Myrica	634.663
Millet	633.171	Myrrh perfume plants	633.816
Milo maiz cereals	633.177	Myrtaceous fruits	634.42
Milos swine	636.472	Myrtle family fruits	634.42
Minorcan fowls	636.562	Nakedneck fowls	636.5882
Mints field crops	633.822	Narranganset turkey	636.5923
garden "	635.72	Naseberry	634.431
Missouri		Nassau poultry	636.538
currant	634.724	Nawew	635.127
Moisture		Neapolitan sheep	636.35
soil agriculture	631.432	swine	636.45
Moldavian sheep	637.373	Nectarine	634.26
swine	636.474	Nepal	
Moldboard plow, double	631.3126	goat	636.39854
turning	631.3124	Nests zootechny	636.082461
Molding cheesemaking	637.3338	Netherland cattle	636.2351
Molds, butter	637.2328	Neufchatel cheese	637.3534
Mole plow	631.3126	Neuroptera pests	632.74
Mollusks fishery	639.4	Neuters zootechny	636.08233
Mongolicza swine	636.472	New	
Montares sheep	636.366	Forest pony	636.1626
Moonding domestic animals	636.293	Leicester swine	636.4244
Moraceous fruits	634.36	Mexican goat	636.3981
Morfe common sheep	636.3236	Zealand hemp	633.572
Morgan horse	636.1281	Nigretti sheep	636.365
Morvan sheep	636.386	Nile goat	636.39862
Mosquitoes pests	632.77	Nivernais draft horse	636.1545
"	632.78	Nonwoody fruit	634.77
Moths		Norfolk cattle	636.2265
Motiv power, farm	631.371	sheep	636.3235
Mound layering	631.5343		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Norfolk turkey	636.5927	Orchard disk harrow	631.3138
Norman		grass forage crops	633.22
cattle	636.2461	Organic	
draft horse	636.1541	chemistry of soil	631.417
swine	636.443	Oriental	
North		frils pigeons	636.59634
American turkey	636.5921	horses	636.11
Devon cattle	636.2261	raspberries	634.715
German swine	636.433	Orkney sheep	636.3258
Holland cattle	636.2351	Orpington poultry	636.524
Northeast German sheep	636.3317	Orris perfume plants	633.815
Northern		Orthoptera pests	632.72
dewberry	634.7171	Oryzae forage crops	633.284
papaw	634.418	Osier fibers	633.588
Nubian milk goat	636.3986	Otaheite gooseberry	634.666
sheep	636.386	Owls pigeons	636.59622
Nude fowls	636.5882	Oxford sheep	636.3234
Nursery		Oyster plant	635.16
catalogs	631.5214	Oysters fishery	639.4
Nut culture	634.5	Pacer, American	636.128
gatherers	631.3561	Pacific	
Nuts harvesting	631.5561	dewberry	634.7173
agriculture	634.5	Pack horse	636.15
Nutmeg	633.834	mules	636.183
muskmelon	635.611	Packers agriculture	631.3644
Oat grass forage crops	633.265	Packing	
Oats cereals	633.13	appliances for agric.	631.364
Obrenovics swine	636.472	butter business	637.2351
Oceania		cheese "	637.3351
swine	636.489	farm expenses	631.177
Offsets plant culture	631.5321	of crops	631.564
Oil		Packs farm transport	631.3722
plants	633.85	Padins fruit culture	634.24
Okra	635.648	Padouse fowls	636.552
Old		Paduan fowls	636.552
Norfolk sheep	636.3235	sheep	636.35
Oldenburg		Pale blueberry	634.736
cattle	636.2344	Palfrey horse	636.13
horse	636.143	Palm sugar plants	633.65
swine	636.434	family nuciculture	634.6
Olempe sheep	636.3468	istle	633.5772
Oleomargarin	637.281	Palmaceous fruits	634.6
Olona fibers	633.565	Panama	
Oneway plow	631.3124	hat fiber	633.584
Ongtischaf	636.385	Panicæe forage crops	633.283
Onions	635.25	Panic grass cereals	633.172
Opium		Papaver	633.75
agriculture	633.75	Papaw	634.651
Orach	635.43	northern	634.418
Orange		Paper materials fibers	633.59
family	634.3	Paprika	633.842
Oranges fruit culture	634.31	Papuan swine	636.489
		Paraguay tea	633.77

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Parasitic			
plants pests	632.5	Pigeon plum	634.665
Paring plow	631.3125	Pigeons poultry	636.596
Park hack horse	636.13	Pignut	634.524
Parmesan cheese	637.3545	Pinching pruning	631.54221
Parsnip field crops	633.44	Pine strawberry	634.751
garden "	635.14	Pineapple fiber	633.576
Parsley	635.78	fruits	634.774
Pasteurization buttermaking	637.2336	squash	635.621
Pasteurizer dairy	637.1323	Pisciculture	639.3
Pasteurizing "	637.1333	Pistachio	634.574
Patchouli perfume plants	633.812	Pitanga	634.423
Pattypan squash	635.621	Plaiting fibers	633.5
Pavilly fowls	636.546	Plank	
Pavlar sheep	636.363	drag	631.3146
Pavloff fowls	636.571	scraper	631.3131
Pea pickers	631.3583	Plankers agriculture	631.3146
Peaches	634.25	Planking tillage	631.514
Peacock poultry	636.595	Plantain banana	634.773
Peanuts nuciculture	634.58	Planters	631.332
Pearl fishery	639.4	Planting cuttings	631.5353
Pears	634.13	Plants	
Peas	635.66	culture agriculture	631.5
harvesting	631.5563	injurious "	632.5
Pecan	634.521	tools "	631.34
Pekin duck	636.59785	Plow, shovel	631.3162
Penistone sheep	636.3255	Plowing	631.512
Pepper		Plows	631.312
agriculture	633.841	Plum stone fruits	634.22
Percent tube dairy	637.1276	Jew	634.442
Percheron draft horse	636.1541	marmalade	634.432
sheep	636.3445	pigeon	634.665
Perfumery plants	633.81	Spanish	634.443
Perigord swine	636.445	Plymouth Rock fowls	636.582
Periwinkle fishery	639.4	Podalyrieae legume crops	633.372
Permeability of soil	631.432	Points animal excellence	636.08114
Perpetual strawberry	634.753	Poisonous	
Persian		plants	632.59
horse	636.11	Poitou sheep	636.3444
sheep	636.385	Poland	
walnut	634.511	China swine	636.482
Persimmon	634.452	Polanders poultry	636.552
Pests		Polders reclamation	631.616
agriculture	632	Poles	
Phalarideae forage crops	633.284	plant support	631.3452
Phaseoleae " "	633.379	training	631.5461
Pheasant poultry	636.594	Polish bantams	636.58713
Phoenix fowls	636.5857	fowls	636.552
Physalis	635.647	sheep	636.3331
Physics, soil	631.432	swine	636.433
Pick agriculture	631.3116	Polled cattle	636.2231
Pickax "	631.3116	Aberdeen	636.2263
Pickers "	631.358	Durham	636.2227
corn	631.3553	Hereford	636.161
		Polo pony	636.161
		Polverara fowls	636.553

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Pomaceous		Priests	
fruits	634.1	pigeons	636.59632
Pomelo	634.323	Primitiv	
Pomeranian sheep	636.3331	cropcleaning tools	631.3621
Pompadour fowls	636.552	harvesting "	631.351
Pond apple	634.414	threshing "	631.3611
Ponies		Production	
domestic animals	636.16	of milk	637.12
Pop corn	635.677	Profits stock farming	636.0818
Poppy	633.75	Proliferous buds	631.5333
Portuguese		Prongd shovel	631.3111
swine	636.46	Propagation appliances	631.335
Post		Props, plant	631.3452
spade	631.3111	Prosos cereals	633.173
Posthole digger	631.3113	Protection	
Pot cheese	637.356	against destruction agric.	632.1
Potato beetle	632.76	pests	632.9
diggers	631.3564	of grafts	631.5417
field crops	633.491	plants	631.344
garden "	635.21	Provençal swine	636.447
Pots, layering	631.335	Pruning	
plant	631.345	operations	631.542
Potted layering	631.5344	tools	631.342
Poultry	636.5	Prussian	
houses	631.22	merinos	636.36731
Pouter pigeon	636.59611	Pseudoneuroptera pests	632.73
Powder		Psoraleae forage crops	633.375
milk	637.143	Puller, stump	631.3117
Power		Pulverized	
farm	631.37	fertilizer distributor	631.3336
plow	631.3123	Pulverizer harrows	631.3134
roller	631.3141	Pulverizing plow	631.3126
Prairie plow	631.3125	Pumpkins	635.624
Prairies reclamation	631.611	Pumps reclamation	631.65
Prat fowls	636.565	Purchase	
Prawns fishery	639.5	of animals zootechny	636.08112
Preparation		farm	631.112
of butter	637.23	Purchases farm economics	631.171
crops for storage	631.56	Purslane	635.46
transport	631.56	Push hoe	631.3152
soil	631.51	Pusley	635.46
Preservation		Pyrenean sheep	636.346
of crops	631.55	Quagga	636.184
milk	637.133	Quebec	
Presses		Jersey cattle	636.2832
baling	631.3642	Quercy swine	636.445
butter	637.2328	Quince	634.14
cheese	637.3323	Quohog fishery	639.4
Pressing cheesemaking	637.3333	Race horse	636.12
Price		Racemose cherries	634.24
butter	637.2185	Races	
cheese	637.3185	zootechny	636.08211
milk	637.1185	Radio culture	631.5882
Prickly pear	634.7751	Radish	635.15
		Radnor sheep	636.3245

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Raffia fibers	633.582	Resins	
Rag gourd	635.627	gathering	631.5568
Rain agric. hindrances	632.16	Retardation plant culture	631.545
Rainfall farm economics	631.11	Returns	
Rakes, garden	631.3156	butter business	637.218
hay	631.3532	cheese "	637.318
Raking	631.515	dairy "	637.118
Rambouillet sheep	636.3674	farm finances	631.18
Rameisloher fowls	636.533	Reversible plow	631.3124
Ramie	633.55	Revolving harrow	631.3135
Ranches zootechny	636.0813	Rhenish	
Raphia fibers	633.582	Prussian horse	636.143
Raspberries	634.711	sheep	636.3334
Rattan fibers	633.588	Rhode Island red fowls	636.584
Reapers	631.354	Rhône ducks	636.5974
Reaping	631.554	sheep	636.3336
hook	631.3511	Rhubarb	635.49
Reclamation		Rhynchota pests	632.75
drainage agriculture	631.6	Ribaceous fruits	634.72
Receptacles		Rice cereals	633.18
for butter	637.2351	Rice corn	633.178
milk	637.1327	Riding	
plants	631.346	cultivator	631.3163
Red		plow	631.3122
cattle, polled	636.2264	roller	631.3141
shorthorn	636.2225	Ripening	
kafir	633.177	buttermaking	637.2337
pepper	633.842	plant growth	631.5476
raspberries	634.714	Roaches pests	632.72
swine, Berkshire	636.4263	Roads	
Jersey	636.483	agriculture	631.28
Tamworth	636.4262	Roan ducks	636.5974
top	633.23	Rollers	631.314
vegetable dyes	633.863	Rolling	
Redcap poultry	636.525	tillage	631.514
Reds, shorthaird goats	636.396	Romagnole swine	636.45
Reeds	633.586	Romney marsh sheep	636.3215
Reels harvesters		Root	
Refining cheesemaking	637.3332	crops field	633.4
Refrigeration		garden	635.1
apparatus dairy	637.1321	harvesting	631.5564
Reindeer	636.294	cuttings	631.5356
milk cheese	637.3553	grafting	631.54141
Rennet cheesemaking	637.3331	maggots pests	632.77
cheese	637.355	suckers	631.5331
cow's milk	637.351	washers	631.3626
Rent		Roots edible	635.1
farm economics	631.113	perfumes	633.815
Renting farm systems	631.1154	Roquefort cheese	637.3551
Reproduction		Roscommon sheep	636.3219
zootechny	636.0824	Rose perfume plants	633.811
Reservoirs		apple	634.422
agriculture	631.71	Rosemary perfume plants	633.812
		Rosenstein cattle	636.2452

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Rotary		Samphire	635.74
spaders	631.3115	San	
Rouen ducks	636.5974	José scale pests	632.75
Roumanian swine	636.474	Sand	
Round headed borers pests	632.76	cherry	634.24
Roundup stock farming	636.08111	Sandalwood perfumes	633.814
Roussillon swine	636.447	Sap collectors	631.3568
Row markers	631.3314	gathering	631.5568
Rubaceous fruits	634.71	Sapodilla	634.431
Rubies cattle	636.2261	Sapota	634.343
Rumanian swine	636.474	Sapotaceous fruits	634.43
Ruminants		Sardinian sheep	636.35
greater agriculture	636.2	Sassafras	633.824
small "	636.3	Savory	635.71
Rumpless fowls	636.5882	Saw, pruning	631.3426
Runners plant culture	631.5332	Sawflies pests	632.79
Running		Saxon	
horse	636.122	goat	636.393
pigeons	636.59613	sheep	636.36733
Rushes fibers	633.585	Scale	
Russian		insects pests	632.75
almond	634.552	Scallion	635.263
cattle	636.271	Scallop fishery	639.4
horse	636.1271	squash	635.621
poultry	636.571	Scandaroons pigeons	636.59627
sheep	636.371	Scandinavian	
swine	636.475	sheep	636.372
Rut zootechny	636.082451	Scarifier, hand	631.3153
Rutabaga field crops	633.426	horse	631.3162
garden "	635.126	Scarlet strawberry	634.754
Rye		Schleswig horse	636.143
cereals	633.14	Holstein swine	636.434
grass forage crops	633.263	Schwarzahls goat	633.3936
Ryeland sheep	636.3242	Schwarzthal "	636.3936
Saanen goat	636.3939	Schwarzwald "	636.393
Saccharum	633.61	Scion grafting	631.5411
Saddle		Scolymus	635.167
bags farm transport	631.3722	Scooter cultivators	631.3127
goat	636.3936	" plows	631.3162
grafting	631.54134	Scorzonera	635.166
horses	636.13	Scotch	
Sage cheese	637.3542	cattle, beef	636.223
garden crops	635.71	dairy	636.225
Sainfoin	633.361	gray fowls	636.527
Saint		ponies	636.162
Domingo apricot	634.654	poultry	636.528
John's bread	634.462	sheep	636.325
Saintonge sheep	636.3427	Scrape horse cultivators	631.3164
Salads garden crops	635.5	Scraper hand tools	631.3153
Sale of milk	637.135	Scrapers, pruning	631.3427
Sales catalogs stock farming	636.08188	Scraping pruning	631.54215
Salsify	635.16	Scuffle harrow	631.3137
Salt		hoe	631.3152
zootechny	636.0877	Scuffler horse cultivators	631.3162
Salting buttermaking	637.2335		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Scythe, <i>see</i> Sithe			
Sea			
food fishery	639		
kale	635.33		
beet	635.42		
urchin fishery	639.6		
Seagrape agriculture	634.664		
Season grafting	631.5412		
Seasoning leaves	635.71		
Sebastopol goose	636.5987		
Sebright game fowls	636.58813		
Sedges fibers	633.585		
Seed			
catalogs	631.5212		
selection	631.5211		
sowers	631.331		
Seedage	631.531		
Seeders	631.3311		
Seeding machinery	631.33		
plow	631.3127		
Seedling plant culture	631.5471		
Seeds			
edible	635.6		
Selection of farm	631.11		
Selection			
plant	631.521		
Selfbinders	631.3541		
Selling			
products farm econ.	631.18		
Sennaar swine	636.486		
Serbian "	636.472		
Separation			
of cream	637.2331		
Separators			
cream dairy	637.2321		
Serpentine layering	631.5342		
Sets tubers	631.5322		
Sexes zootechny	636.0823		
Sexual			
excitement dom. animals	636.082451		
union " "	636.082453		
Shaddock	634.323		
Shagbark	634.522		
Shallot	635.263		
Shallu	633.176		
Shanghai fowls	636.585		
Share			
system of rent agric.	631.114		
working "	631.1153		
Shawl goat	636.39854		
Sheaf carriers			
Shears, pruning	631.3421		
weeding	631.3155		
Sheep			
domestic animals	636.3		
Sheepsmilk cheese	637.3551		
Shelbark hickory	634.523		
Shell			
fish fishery	639.4		
Shellers	631.3614		
Shelling corn	631.5614		
Shelter			
plant	631.344		
Shetland pony	636.1621		
sheep	636.3258		
Shipment			
farm expenses	631.177		
Shire draft horse	636.523		
Shocker, corn	631.3551		
Shoregrape	634.664		
Short			
cuttings	631.5355		
eared swine, German	636.431		
" " Hungarian	636.432		
horn cattle	636.2221		
wool sheep	636.323		
Shovel			
crop cleaning	631.3621		
digging tools	631.3111		
plow	631.3162		
Shrimps			
fishery	639.5		
Shropshire down sheep	636.3236		
Shrubs			
layering	631.5346		
Siamese swine	636.485		
Siberian featherfooted fowls	636.572		
Sickle	631.3511		
Sidehil plow	631.3124		
Sieves crop cleaning	631.3621		
Sifters crop cleaning	631.3623		
Sifting	631.5623		
Silesian merinos	636.36734		
Silk			
worm	638.2		
Silkies poultry	636.5883		
Silo machinery	631.363		
Silos			
farm buildings	631.23		
fodder storage	631.563		
Silverfish pests	632.71		
Simmental cattle	636.2372		
Sisal fibers	633.5771		
Sithe			
harvesting tools	631.3512		
bush	631.3117		
cradle harvesting tools	631.3513		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Sivs crop cleaning	631.3621	Spaders machines	631.3115
Skim colter plow	631.3127	Spading tillage	631.511
milk dairy	637.147	harrow	631.3137
Skimmers dairy	637.23211	Spanish	
Skin		lime fruit culture	634.652
plow	631.3125	Maltese goat	636.396
Slate turkey	636.5925	plum	634.443
Sleds farm transport	631.3723	potato	635.22
Small		poultry	636.56
fruits agriculture	634.7	salsify	635.167
swine, black	636.421	sheep	636.36
white	636.422	swine	636.46
Smearcase	637.356	Spearmint	635.72
Smoothing harrow	631.3131	Species	
Snails culture	639.4	of animals zootechny	636.08211
Snap bean	635.652	Specific	
Sodplow	631.3125	gravity soil	631.431
Soft cheese, ripend	637.353	Speed	
unripend	637.352	horse	636.12
Soil		Spices agriculture	633.83
agriculture	631.4	Spiegelschaf	636.3331
Soja bean field crops	633.34	Spinach	635.41
garden "	635.655	Splice grafting	631.54132
Solognote sheep	636.3442	Splints fibers	633.588
Somerset born sheep	636.3241	Spores	631.5317
Sophoreae forage crops	633.371	Spotted race cattle	636.2374
Sorghum		Spraying agriculture	632.94
cereals	633.174	Spreders, hay	631.3531
sugar plants	633.62	mixt	631.334
Sorrel agriculture	635.45	Springtails pests	632.71
Sorters cropleaning tools	631.3623	Springtooth harrow	631.3133
Sorting	631.5623	Spudding bit	631.3113
Soundness		Spurwingd goose	636.59889
of animals zootechny	636.08115	Squabs poultry	636.596
Sourmilk cheese	637.357	Squash bug pests	632.75
" cowsmilk	637.356	Squashes	635.62
Soursop	634.411	Stables	631.22
South		Stackers, hay	631.3534
Devon cattle	636.2261	Stakes plant support	631.3452
sheep	636.3218	training	631.5461
Dum "	636.3218	Stalk cutter	631.3166
German swine	636.431	Stamps	
Hams cattle	636.2262	butter dairy	637.2328
Southam holts	636.3217	Star	
Southdown sheep	636.3231	apple	634.433
Southern		Starkenbug goat	636.393
dewberry	634.7172	Starch	633.68
Sowers, special	631.3318	plants	633.6
Sowing		Stays	
broadcast	631.5311	plant support	631.3452
machinery	631.33	Steam	
Soy bean forage crops	633.34	engin agriculture	631.3715
garden "	635.655	plow	631.3123
Spades digging tools	631.3111	Steeplechaser	636.122

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Stem					
cuttings	631.5354	Suffolk cattle	636.2266		
grafting	631.54143	down sheep	636.3235		
suckers	631.5331	punch horse	636.1522		
Sterilization, soil	631.46	swine, large	636.4246		
Stilton cheese	637.3542	middle	636.4272		
Stipa fibers	633.583	small	636.4213		
Stock		Sugar			
farm catalogs	636.08187	apple	634.412		
farming	631.145	bean	635.653		
farms	636.0813	beets	633.62		
formation of zootechny	636.082	harvesting	631.5566		
grafting	631.5411	milk	637.145		
raising zootechny	636.08	plants	633.6		
selection "	636.0811	Sulky cultivators	631.3163		
Stolons	631.5332	plow	631.3122		
Stone		Sultans poultry	636.573		
fruits	634.2	Sumac tanning plants	633.871		
gatherer	631.3117	Sumadia swine	636.472		
rollers	631.3141	Summer			
boats farm transport	631.3723	pruning	631.5422		
Stool layering	631.5343	savory	635.71		
Storage		squash	635.621		
cheese business	637.3352	Sunn hemp	633.562		
crops	631.55	Supplies			
milk	637.1327	farm economics	631.171		
Strawberry	634.75	stock farming	636.08171		
tomato	635.647	Supports			
tree	634.667	plant	631.345		
String bean	635.652	Surats goats	636.39854		
Strippers, corn	631.3554	Surface			
Stubble cutter	631.3552	cultivator	631.3164		
plow	631.3126	Surinam cherry	634.423		
Stud books	636.0822	Surrey fowls	636.522		
Stuffing fibers	633.59	Surveys			
Stump		soil	631.47		
extractor	631.3117	Sussex			
jumper	631.3127	cattle	636.2228		
taild sheep, African	636.386	down sheep	636.3231		
Asiatic	636.385	fowls	636.522		
Styrian fowls	636.536	sheep	636.3231		
sheep	636.3336	swine	636.4212		
Suabian swine	636.431	Swabian swine	636.431		
Subsoil plow	631.3126	Swaledale sheep	636.3257		
Subsoiling tillage	631.512	Swamp blueberry	634.737		
Substitutes		Swamps			
butter	637.28	reclamation	631.615		
milk	637.18	Swedish			
Subsurface		merinos	636.3678		
packer	631.3144	turnip	635.126		
Succory alkaloid plants	633.78	Sweep cultivators	631.3162		
salads	635.54	Sweet clover	633.366		
Suckers, plant	631.5331	corn	635.67		
		herbs	635.7		
		Otaheite apple	634.442		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Sweet potato field crops	633.492	Textil	
garden "	635.22	fibers agriculture	633.5
sop	634.412	Thar goat	636.39854
Swine		Theban goat	636.39862
cress	635.565	Thermometers	
domestic animals	636.4	agriculture	632.112
Swing plow	631.3124	Thinning fruit pruning	631.54224
Swiss		of branches "	631.54214
cattle	636.237	Threshers agriculture	631.361
chard	635.42	Threshing	631.5612
cheese, hard	637.3543	Thrips pests	632.73
sheep	636.333	Thrust	
swine	636.449	hoe	631.3152
Syrman swine	636.472	Thuringian fowls	636.538
Szalontaer "	636.432	Thyme	635.71
Syrian goat	636.3985	Thysanura pests	632.71
sheep	636.385	Tibet goat	636.3985
Systems		Tile	
drainage agriculture	631.63	drains	631.62
irrigation "	631.73	Tillage	631.5
Tahr goat	636.39854	Timothy forage crops	633.24
Tailless fowls	636.5882	Tobacco	633.71
Tamarind fruit culture	634.461	Toggenburg goat	636.3937
Tampico fibers	633.5772	Tomato	635.64
Tamworth swine	636.4262	tree	634.7761
Tangerine	634.322	worms pests	632.78
Tanning		Tonquin swine	636.485
material agriculture	633.87	Tools	
Tarentaise goat	636.394	agricultural	631.3
Tarragon	635.74	Top grafting	631.54144
Tartar horses	636.11	Topinamber	635.24
sheep	636.385	Toppers, corn	631.3555
Taxes		Toulouse	
farm economics	631.112	goose	636.5984
Tea	633.72	Toy	
Tedders	631.3531	dogs	636.765
Teeswater cattle	636.2223	pigeons	636.5965
sheep	636.3216	high class	636.5962
Temperature		Track cleaners harvesters	
low agriculture	632.11	Traction	
of soil	631.436	engin agriculture	631.3123
Terracing	631.613	Training	
Terrapin culture	639.3	plants	631.546
Tester, milk	637.1276	Trakehner horse	636.143
Testing, butter	637.225	Transmission	
cheese	637.325	machinery agric.	631.37
of milk	637.1276	Transplanters	631.336
Texas		Transplanting	631.536
steer	636.2821	Transportation	
Texel cheese	637.3551	agriculture	631.37
sheep	636.3311	butter	637.235
		cheese	637.335
		milk	637.135
		Transylvanian sheep	636.335

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Trapping business		Tweeddale sheep	636.3252
Tree	639.1	Two	
conveyors		furrow plow	631.3122
cranberry	631.3366	Underhill sheep	636.3231
products harvesting	634.745	Upland Leicester sheep	636.3213
tomato	631.5568	sheep, German	636.333
Trees	634.7761	Upperdown sheep	636.3231
layering		Vaga sheep	636.3317
tools for	631.5346	Valais sheep, Swiss	636.338
Trellises	631.34	goat	636.5936
plant support	631.3453	Valbergieae forage crops	633.377
training	631.5463	Valuation	
Trench layering	631.5342	farm economics	631.112
Trifoliae forage crops	633.373	Vanilla	633.821
Trifoliolate orange	634.321	Variation	
Trimmer, hedge	631.3421	in animals zootechny	636.08211
Trimming pruning	631.5423	Varieties of cheese	637.35
Tristegineae forage crops	633.281	Vegetable	
Tropical almond	634.555	dye plants	633.86
Trotter horse	636.12	farming	631.142
Trowel, garden	631.3112	marrow	635.623
Trucks		milks	637.181
farm transport	631.3725	oyster	635.16
Trumpeters pigeons	636.59626	sponge	635.627
Tube, per cent dairy	637.1275	Veldlakers cattle	636.2354
Tuber washers	631.3626	Velvet bean forage crops	633.363
Tubers		Veneer grafting	631.54135
field crops	633.49	Vetches forage crops	633.35
garden "	635.2	Vetiver perfume plants	633.815
harvesting	631.5564	Vetticost salad plants	635.57
plant culture	631.5322	Vicieae forage crops	633.378
Tula istle	633.5772	Vines, layering	631.5347
Tumbler pigeon	636.59615	Vineyard plow	631.3127
Tuna fruit culture	634.7751	Violets perfume plants	633.811
Tunisian sheep	636.386	Virginia strawberry	634.754
Turbits pigeons	636.59623	Wages	
Turf		farm economics	631.173
spade	631.3111	stock farming	636.08173
Turkey poultry	636.592	Wagons	631.3725
Turkeyneck fowls	636.5882	farm transport	
Turkish		milk dairy	637.135
horses	636.11	Wain, threshing	631.3611
Turning moldboard plow	631.3124	Walking	
Turnip		cultivators	631.3162
field crops	633.42	plow	631.3121
garden "	635.12	Wall	
rooted cabbage	635.126	training plant culture	631.5464
celery	635.128	Wallachian sheep	636.373
chervil	635.136	Wallikiki fowls	636.5882
Turnwrest plow	631.3124	Walls	
Turpentine		stone agriculture	631.27
collectors	631.3568	Walnut	634.51
Turtles		Warmth of soil	631.436
fishery	639.3	Warnings	
Tuscan swine	636.45	wether agriculture	632.112

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Washers, butter	637.2323	White	
root	631.3626	durra	633.178
Washing		goose, Chinese	636.59885
butter	637.2333	Emden	636.5983
root	631.5626	Holland turkey	636.5926
Wasps pests	632.79	homing pigeons	636.59635
Waste		kafir	633.177
lands reclamation	631.612	Muscovy duck	636.59783
Water		Pekin "	636.59785
buffalo	636.293	sapota	634.343
cost farm irrigation	631.75	swine, English, large	636.424
cress	635.561	medium	636.427
distribution farm irriga.	631.74	small	636.422
in soil	631.432	turkey	636.5926
power agriculture	631.3713	walnut	634.518
supply agriculture	631.7	Yokohama fowls	636.5857
Watermelon	635.615	Whole milk	637.141
Wax, bees	638.1	Wicklow sheep	636.3243
gourd	635.618	Wiesental goat	636.393
grafting	631.341	Wild cherry	634.24
Weed cutters	631.3155	goose	636.59881
hoe	631.3154	turkey	636.59211
hook	631.3155	white cattle	636.221
Weeder	631.3154	Willow fibers	633.588
Weeding	631.515	Wiltshire sheep	636.3232
iron	631.3154	Wind agriculture	632.16
Weeds pests	632.58	mills drainage	631.65
Weevils "	632.76	farm power	631.3714
Weight		Windsor swine	636.4221
tables zootechny	636.08181	Windrowers	631.3532
Wells		Wineberry	634.715
water supply agric.	631.71	Winkle fishery	639.4
Welsh		Winnibago fowls	636.5816
beef cattle	636.2236	Winnowers	631.3622
mountain sheep	636.3267	Winnowing	631.5622
onion	635.264	Winter cress	635.564
pony	636.1629	Winter muskmelon	635.611
Wensleydale sheep	636.3216	pruning	631.5421
West		savory	635.71
country down sheep	636.3233	squash	635.622
German swine	636.433	Wintergreen	633.823
Scotch highland cattle	636.2233	Wire worms pests	632.76
Westphalian fowls	636.538	Wires	
goat	636.393	plant support	631.3451
swine	636.434	Woodland farm economics	631.144
Wether		Woods, perfume	633.814
warnings agriculture	632.112	Wool	
Wheat	633.11	sheep English	636.32
Wheel hoe	631.3161	merinos	636.36
vehicles agric.	631.3725	Workers, butter dairy	637.2324
Wheelbarrows farm trans.	631.3724	Working	
Wheelless vehicles agric.	631.3723	of butter	637.2334
Whey butter cheesemaking	637.347	soil	631.51
Whip grafting	631.54133		

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Wurtemberg swine	636.431	Young	
Wyandotte fowls	636.583	animals zootechny	636.08236
Yak domestic animals	636.2971	Zapupe fibers	633.5776
Yam	635.23	Zaraibi goat	636.39862
Yaraw palm	633.584	Zaupel sheep	636.3333
Yellow		Zealand "	636.3314
milo cereals	633.178	Zebra	636.184
vegetable dye plants	633.861	Zebroid	636.185
Yokohama fowls	636.5857	Zebrul	636.185
Yorkshire coach horse	636.1422	Zebu	636.291
swine large	636.4241	Zit kwa	635.618
medium	636.4271	Zootechny	636.08
small	636.4222	Zoysicae forage crops	633.281
		Zunu sheep	636.386

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